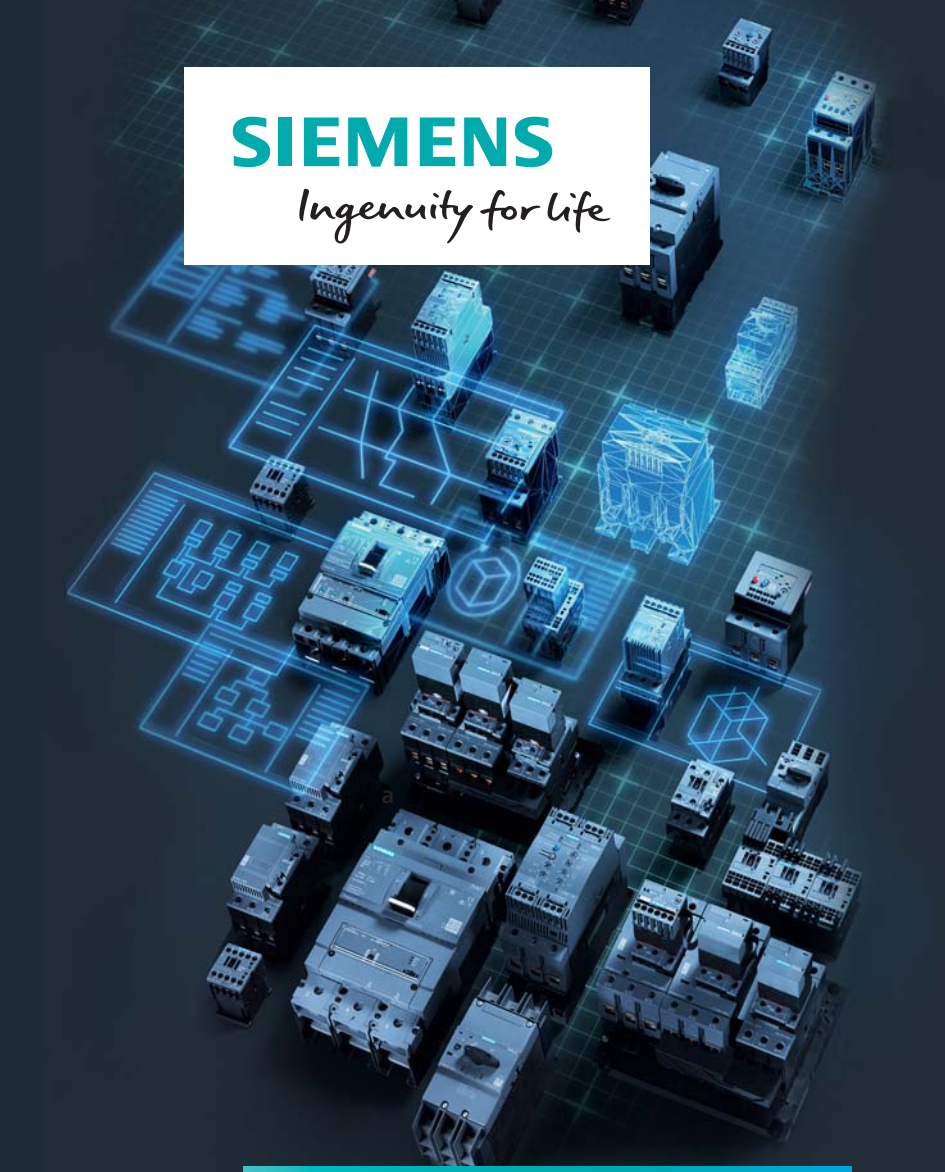
SIEMENS

Ingenuity for life



Low Voltage Switchgear Short form catalogue 2017/18

lvswitchgear.za@siemens.com • siemens.co.za



Control Products serves the market with industrial control components, sector-specific products and systems based on industry platforms and services. The Business Unit is focused on the brand SIRIUS.

As a leader of innovation in industrial control components, we offer our SIRIUS modular system all over the world as a complete program for products and solutions covering all aspects of switching, protecting, monitoring, detecting, commanding and signaling as well as field bus systems for industrial communication. The individual SIRIUS components are especially compact and designed on a modular principle. They are ideally suited to solving complex tasks by being integrated into end-to-end concepts like TIA and Safety Integrated.

The consistency, modularity and intelligence of our portfolio means we can offer our customers the maximum amount of energy efficiency, safety, flexibility, economy and environmental compatibility throughout the whole product lifecycle.

www.siemens.com/sirius

LOW VOLTAGE SWITCHGEAR

Contact Details

SIEMENS LOW VOLTAGE SWITCHGEAR

Product Promoters

Sentron Power Distribution Business Developer - **Yullen Govender**

Tel : 011 652 2693
Fax : 086 215 1485
Cell : 082 891 4824

Simocode Business Developer- **David Moela**

Tel : 011 652 3290
Fax : 086 534 2949
Cell : 079 990 6642

Conventional Switchgear Business Developer - **Zameer Thayab**

Tel : 011 652 3637
Fax : 086 506 6524
Cell : 082 745 5198

Soft Starters & ASI - **Zukiswa Tyilana**

Tel : 011 652 7464
Fax : 086 5066 533
Cell : 072 632 2291

Internal Support

Malefu Rampai
Tel : 011 652 2342
lee.rampai@siemens.com

Ntobeko Ndlovu
Tel : 011 652 3068
ntobeko.ndlovu@siemens.com

Siemens Pinetown
Tel : 031 710 4111

Siemens PE
Tel : 041 398 5000

Siemens - CT
Tel : 021 935 8000

Siemens Call Center - **Tel: 0860 80 80 80**
Email: iadtquotes.za@siemens.com

HEAD OFFICE - GAUTENG
300 Janadel Avenue
Halfway House
Midrand
Tel : 011 652 2000
Tech Support : 0860 80 80 80
Orders Fax :086 569 1333

KWAZULU NATAL
37 Gillits Road
Pinetown
KZN

Tel : 031 710 4111
Fax : 031 710 4129

CAPE TOWN
163 Hendrik Verwoerd Drive
Plattekloof
Cape Town

Tel : 021 935 8000
Fax : 021 935 8016

PORT ELIZABETH
65 Newton Street
Port Elizabeth

Tel : 041 398 5000
Fax : 041 398 5050

LOW VOLTAGE SWITCHGEAR

Approved Siemens Partners

Johannesburg

A and A Dynamic Distributors (Pty) Ltd
20-24 Augusta Road
Regents Park
Johannesburg
011 681-5900 (T)
011 689-5927 (F)
Ebi Rahimtulla
ebrahim@aadynamic.co.za

BKB Engineering Services cc
6 Kobalt Street
Vanderbijlpark
016 931-2351 (T)
016 931-1231 (F)
Bhagoobhai Bawa
bawa@iafrica.com

Noble Motor & Control (Pty) Ltd
Cnr Houtkop & Harrington Roads
Vereeniging
016 427-4060
016 427-4091 (F)
Robbie Noble
robbie@noblemc.co.za

Mpumalanga

Simotech
4 Volt Street
Industrial Area
Middelburg
013 246-2614 (T)
086 614 4756 (F)
Ernest Bean
ernest@simotech.com

WMS Electrical
5 Grey Street
Trichardt
017 638-1897 (T)
017 638-1897 (T)
Michael van Wyk
michael@wmselectrical.co.za

Limpopo Province

Beam Electrical Wholesalers cc
Cnr Dikbas & Drift Streets
Onverwacht
Ellisras
014 763-3985 (T)
014 763-3853 (F)
Fanus du Plessis
fanus@beamelectrical.co.za

M J M Maintenance Installations cc t/a M J M Electrical
6 Leyd Street
Phalaborwa
015 781-3165 (T)
015 781-3186 (F)
Gerrit Breytenbach
mjm1@lantic.net

Northern Cape

Leclovo cc
63 Transvaal Road
Kimberley
053 833-2791 (T)
053 831-2078 (F)
Jacques Francis
jacques.francis@lantic.net

Northwest Province

Lictenburg Technical Services cc
Cnr Nelson Mandela & Republic Streets
Lichtenburg
018 632-1531 (T)
018 632-1538 (F)
Carel Steinman
lts@telkomsa.net

Lasrust Enteprises (Pty) Ltd
16 Mangaan Street
Rustenburg X9
014 538-0441 (T)
014 538-2938 (F)
Philip Wetzlar
philip@lasrust.co.za

Eastern Cape

N A Wardle t/a Power Flo Electrical
1 Stromberg Street
Gately
East London
043 731 2001 (T)
043 731 1502 (F)
Sean Glasgow
seang@powerflo.co.za

Ubulunga Electrical t/a T W Technical Services
47 Haupth Street
Sidwell
Port Elizabeth
041 451-2202 (T)
041 451-3646 (F)
Vernon Rudiger
vernon@twts.co.za

Rubicon Electrical Distributor CC
4 Reith Str
Port Elizabeth
041 451 4359 (T)
041 451 1296 (F)
Dylan Schnetler
dylan@rubiconsa.com

E P Electro Products (Pty) Ltd t/a Wire Systems Technology
14 Graham Street
North End
Port Elizabeth
041 922 0345 (T)
041 487-0139 (F)
Mariah Strydom
mariah@epelect.co.za

LOW VOLTAGE SWITCHGEAR

Approved Siemens Partners

WESTERN CAPE

E W H Electrical cc t/a Yes Electrical
199 Voortrekker Road
Belville
021 948-8800 (T)
021 948-2180 (F)
Ellis Jansen
elnor@escct.co.za

Victory Electrical cc
Unit 16 & 17
Point Business Park
Cnr Koeberg & Marinus Roads
Milnerton
021 555-2468 (T)
021 555-0523 (F)
Kevin Sherwin
kevin@victoryelectrical.co.za

Bi-Tron Technical Services cc
8 Pioneer Road
Pacaltsdorp, Industria
George
044 878-0062 (T)
044 878-0154 (F)
Allan Askew
allan@bitron.co.za

K Z N

Sietech
61 Ramsay Avenue
Westridge, Durban, 4091
031 205-3029 (T)
Nigel Marlin
nigel@sietech.co.za

K Z N

Trade Electrical cc
25 56th Avenue
Umhlatuzana Township
031 401-9902 (T)
031 403-5400 (F)
Teeno Singh
tradeelec@mweb.co.za

Magnet Electrical Supplies
Unit 5 Edstan Business Park
2 Ibhubesi Road
Riverhorse Valley
Durban
031 274-1050 (T)
031 205-4602 (F)
Danny Payne
dannyp@magnetgroup.co.za

A R B Electrical Wholesalers (Pty) Ltd
10 Mack Road
Prospecton
031 910-0200 (T)
031 910-0299 (F)
Beran Sewath
berans@arb.co.za

Electro Sales cc
36 Victoria Road
Newcastle
034 312-2403 (T)
034 312-3625 (F)
Craig Thompson
electrosales@telkomsa.net

Siemens Sivacon & Simoprime Partners

Johannesburg

Automation and Control (MCA)
64 Malcolm Moodie Crescent
Jet Park
Boksburg
Tel : +27 11 397-2141
Fax : +27 11 397-2144
Mobile: 084 383 8571
Grant Smith
grant@motorcontrol.co.za

Durban

VOLTEX LV MV SOLUTIONS
Corner R103 and Thousand Hills Street
Cato Ridge
3680
Tel : +27 31 783 4389
Cell: 071 891 5382
Luca Petersen
lpetersen@voltex.co.za

Siemens Sivacon Partners

Johannesburg

Afrilek Automation
Unit 1 & 5 Astro Place
163 van Der Bilj Road
Meadowdale, 1416
Tel : +27 11 372 9340
sales@afrilek.com

Western Cape

EDS Switchboards
2 Natal Street
Paarden Island
Cape Town
Tel : +27 21 510 3457
jhuman@edsswitchboards.co.za

LOW VOLTAGE SWITCHGEAR

South East African Approved Partners

Namibia

DPS - Dynamic Power Solutions
62 Calcium Street
Prosperita, Windhoek, Namibia
t: +264 61 55 5705
f: +264 61 25 4012
www.dpsnam.com

Botswana

Moreflow
Farm 716-NQ , Selepa
Francistown, Botswana
t: +2672416475
f: +2672416470
mike@morelow.co.bw

Tanzania

Siemens (Pty) Ltd
P.O. Box 14977
Dar es Salaam
Telephone (0925522) 286-3724
Fax (0925522) 286-3735

IET - International Energy Technik (T) Ltd
21 Nyerere Road, Bora Industries Complex
Dar es Salaam, Tanzania
t:+255 22 286 4889
f:+255 22 286 5889
www.iet.co.ke

Zambia

ISL - Inteligent System Limited
NO 10 Madzimoyo Close, Parklands
Kitwe, Zambia
t: +260 212 22 6985
f: +260 212 22 2553
ken@isl.co.zm

Mauritius

IBL - IBL Technologies (Mauritius) Ltd
IBL Business Park Riche Terre - Mauritius
t:+230 206 9248
f:+230 249 2902
www.ibl.biotechnology.com

Kenya

IET - International Energy Technik Ltd
Unit 90, Alpha Centre
Mombasa Road
Nairobi, Kenya
t:+254 20 35 1082
f+254 20 35 0469
www.iet.co.ke

Lomas & Lomas Ltd
Sasio Rd Off Lunga Lunga Rd
Nairobi, Kenya
00507
t:+254 20 55 7414
f:+254 20 53 3883
lnl@africaonline.co.ke

Uganda

IET - International Energy Technik (U) Ltd
Plot 21, Lumumba Avenue
Kampala, Uganda
t:+256 41 425 1105
f:+256 41 425 1107
info@iet.co.ug

Appendix

Online Support



The comprehensive information system available round the clock via internet ranging from Product Support and Service & Support services to Support Tools in the Shop.

Technical Consulting



Support in the planning and designing of your project from detailed actual-state analysis, target definition and consulting on product and system questions right to the creation of the automation solution.

Technical Support



Competent consulting in technical questions covering a wide range of customer-oriented services for all our products and systems.

Disclaimer of Liability

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

AIR CIRCUIT
BREAKERS

Sentron 3WL Circuit Breakers for System Protection, Fixed

Part Number	Rated I(A)	kA @ 400v	kA @ 525v
3WL1106-2_ _32-....	630	55	55
3WL1106-3_ _32-....	630	80	80
3WL1108-2_ _32-....	800	55	55
3WL1108-3_ _32-....	800	80	80
3WL1110-2_ _32-....	1000	55	55
3WL1110-3_ _32-....	1000	80	80
3WL1112-2_ _32-....	1250	55	55
3WL1112-3_ _32-....	1250	80	80
3WL1116-2_ _32-....	1600	55	55
3WL1116-3_ _32-....	1600	80	80
3WL1216-2_ _32-....	1600	55	55
3WL1216-3_ _32-....	1600	80	80
3WL1220-2_ _32-....	2000	55	55
3WL1220-3_ _32-....	2000	80	80
3WL1225-2_ _32-....	2500	55	55
3WL1225-3_ _32-....	2500	80	80
3WL1232-2_ _32-....	3200	55	55
3WL1232-3_ _32-....	3200	80	80

3WL1 Fixed ACB's

Horizontal Connections



Electronic Trip Units			
CB	ETU25B	LSI	
EB	ETU45B	LSIN	
FB	ETU45B	LSIN	with Display
NB	ETU76B	LSIN	with Display
Electronic Trip Units with Ground Fault			
DG	ETU27B	LSING	
EG	ETU45B	LSING	
FG	ETU45B	LSING	with Display
NG	ETU76B	LSING	with Display

ETU Selection



Please enquire about 4 -poles ACB's





All trip units are Electronic

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com

Sentron 3WL Circuit Breakers for System Protection, Withdrawable

Part Number	Rated I(A)	kA @ 400v	kA @ 525v
3WL1106-2_ _36-....	630	55	55
3WL1106-3_ _36-....	630	80	80
3WL1108-2_ _36-....	800	55	55
3WL1108-3_ _36-....	800	80	80
3WL1110-2_ _36-....	1000	55	55
3WL1110-3_ _36-....	1000	80	80
3WL1112-2_ _36-....	1250	55	55
3WL1112-3_ _36-....	1250	80	80
3WL1116-2_ _36-....	1600	55	55
3WL1116-3_ _36-....	1600	80	80
3WL1216-2_ _36-....	1600	55	55
3WL1216-3_ _36-....	1600	80	80
3WL1220-2_ _36-....	2000	55	55
3WL1220-3_ _36-....	2000	80	80
3WL1225-2_ _36-....	2500	55	55
3WL1225-3_ _36-....	2500	80	80
3WL1232-2_ _36-....	3200	55	55
3WL1232-3_ _36-....	3200	80	80
3WL1340-4_ _36-....	4000	100	100
3WL1350-4_ _36-....	5000	100	100

3WL1 Withdrawable Mount

Horizontal Connections



Electronic Trip Units

CB	ETU25B	LSI	
EB	ETU45B	LSIN	Motor starters
FB	ETU45B	LSIN	with Display
NB	ETU76B	LSIN	with Display

Electronic Trip Units with Ground Fault

DG	ETU27B	LSING	
EG	ETU45B	LSING	
FG	ETU45B	LSING	with Display
NG	ETU76B	LSING	with Display

ETU Selection



Please enquire about 4 -poles ACB's





All trip units are Electronic

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com

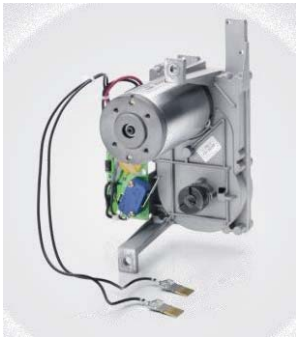
Sentron 3WL Circuit Breakers
Add On Options

Options

3WL….-…..-_ _ _ _		-1 A A 2	Standard
	Voltage	**1st Digit**	
Closing Coil	110v	2	
Closing Coil	220v	3	
Motor + Closing Coil	220v	4	
Motor + Closing Coil	110v	5	
Motor + Closing Coil	20vdc	6	
1st Aux Trip unit		**2nd Digit**	
Shunt Trip Coil	24vdc	B	
Shunt Trip Coil	110v	F	
Shunt Trip Coil	220v	G	
2nd Aux Trip unit		**3rd Digit**	
Shunt Trip Coil	24vdc	B	
Shunt Trip Coil	110v	F	
Shunt Trip Coil	220v	G	
Undervoltage Coil	110v	R	
Undervoltage Coil	220v	S	
Undervoltage Coil	380-415v	T	
Auxiliary Switches		**4th Digit**	
Aux Contacts	4n/o 4n/c	4	
Aux Contacts	6n/o 2n/c	7	
Aux Contacts	5n/o 3n/c	8	

3WL1 Options





Motorized Mechanism

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com

Sentron 3WL Circuit Breakers
Add On Options

Options 3WL….-…..-…. -Z	Add on +… W/D	Fixed
Door Sealing Frame	T40	T40
Safety Shutters	R21	--
Mechanical Interlock	R55	S55
Profibus Interface	F02	F02
Position Indicators	R16	--
Castell Mounting Kit -Locks not Incl	S05	S05
Padlock Mounting Kit	S07	S07
Ronis Lock	S08	S08
Ready to Close Aux	C22	C22
Tripped Signal Aux	K07	K07
Panel Door Interlock	R30	S30
Measurement Function Plus	F05	F05

3WL1 -Z Options





Ready to Close Indication
Unique to Siemens 3WL

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com


Circuit
Breakers &
Isolators

Sentron 3VA Circuit Breakers for Line Protection

Part Number	Rated I(A)
3VA1196-*EE32-0AA0	11 ... 16
3VA1120-*EE32-0AA0	14 ... 20
3VA1125-*EE32-0AA0	18 ... 25
3VA1132-*EE32-0AA0	22 ... 32
3VA1140-*EE32-0AA0	28 ... 40
3VA1150-*EE32-0AA0	35 ... 50
3VA1163-*EE32-0AA0	44 ... 63
3VA1180-*EE32-0AA0	56 ... 80
3VA1110-*EE32-0AA0	70 ... 100



*3=Low breaking capacity N (25 kA at 415 V)
*4=Standard breaking capacity S (36 kA at 415 V)
*5=Medium breaking capacity M (55 kA at 415 V)
*6=High breaking capacity H (70 kA at 415 V)

Part Number	Rated I(A)
3VA2025-*HL32-0AA0	10 ... 25
3VA2040-*HL32-0AA0	16 ... 40
3VA2063-*HL32-0AA0	25 ... 63
3VA2010-*HL32-0AA0	40 ... 100
3VA2116-*HL32-0AA0	63 ... 160
3VA2225-*HL32-0AA0	100 ... 250
3VA2340-*HL32-0AA0	160 ... 400
3VA2463-*HL32-0AA0	250 ... 630



*5=Medium breaking capacity M (55 kA at 415 V)
*6=High breaking capacity H (85 kA at 415 V)
*7= Very High breaking capacity C (70 kA at 415 V)
*8= Extremly High breaking capacity L (150 kA at 415 V)

Sentron 3VA Circuit Breakers - Isolator

Part Number	Rated I(A)	
3VA1163-1AA32-0AA0	63	3 pole
3VA1110-1AA32-0AA0	100	
3VA1112-1AA32-0AA0	125	
3VA1116-1AA32-0AA0	160	
3VA1163-1AA42-0AA0	63	4 pole
3VA1110-1AA42-0AA0	100	
3VA1112-1AA42-0AA0	125	
3VA1116-1AA42-0AA0	160	



Legend

EE	TM, LI function Adj thermal overcurrent,non-Adj short-circuit
HL	TM, LI function Adj thermal overcurrent,Adj short-circuit
AA	Without overcurrent,with non-adjustable short-circuit release

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sentron 3VA Circuit Breakers Accessories

Undervoltage Coils	Voltage
3VA9908-0BB11	24V DC
3VA9908-0BB14	110V DC
3VA9908-0BB15	220V DC
3VA9908-0BB16	250 V DC
3VA9908-0BB20	24 V AC
3VA9908-0BB23	110V AC
3VA9908-0BB25	220V AC
Shunt Trip Coils	**Voltage**
3VA9988-0BL30	24V AC/DC
3VA9988-0BL32	110V AC/DC
3VA9988-0BL33	220V AC/DC
3VA9988-0BL20	380-600V AC

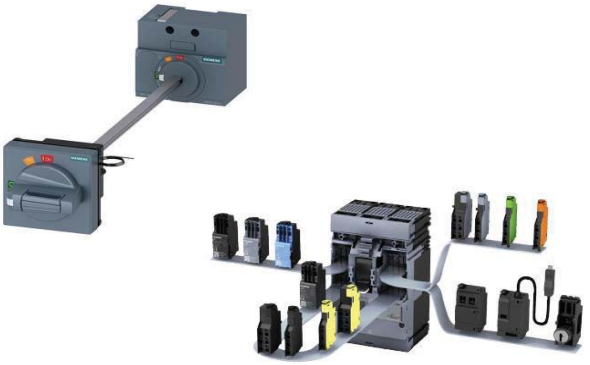
Auxilliary Contacts	Comb
3VA9988-0AA13	Single
3VA9988-0AA11	Double

Siemens Rotary Handle Mechanism

Part Number	MCCB	
3VA9157-0FK21	3VA1	100-160A
3VA9267-0FK21	3VA2	100A-250A
3VA9467-0FK21	3VA2	400-630A

Siemens Rotary Handle Mechanism Illuminated

Part Number	MCCB	
3VA9157-0FK23	3VA1	100-160A
3VA9267-0FK23	3VA2	100A-250A
3VA9467-0FK23	3VA2	400-630A



Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sentron 3VA Circuit Breakers
Residial Current Devices

RCD Modules 3 Pole

Part Number	Current	MOUNTING	Voltage	
3VA9113-0RS20	160 A	Side(Left)	127 ... 480	3VA1
3VA9113-0RL20	160 A	Bottom	127 ... 480	
3VA9123-0RL30	160 A	Bottom	127 ... 690	3VA2
3VA9223-0RL30	250 A	Bottom	127 ... 690	
3VA9323-0RL30	400 A	Bottom	127 ... 690	
3VA9423-0RL30	630 A	Bottom	127 ... 690	





3VA9113-0RL20

RCD Modules 4 Pole

Part Number	Current		Voltage	
3VA9114-0RS20	160 A	Side(Left)	127 ... 480	3VA1
3VA9114-0RL20	160 A	Bottom	127 ... 480	
3VA9124-0RL30	160 A	Bottom	127 ... 690	3VA2
3VA9224-0RL30	250 A	Bottom	127 ... 690	
3VA9324-0RL30	400 A	Bottom	127 ... 690	
3VA9424-0RL30	630 A	Bottom	127 ... 690	

3VA1

- **Adjustable rated residual response current:**

I}n = 0.03 - 0.05 - 0.1 - 0.3 - 0.5 - 1 - 3 - 5 A,

- **Adjustable delay time:**

t = 0 - 0.06 - 0.15 - 0.3 - 0.5 - 1 - 2 - 3 s

3VA

- **Adjustable rated residual response current:**

I}n = 0.03 - 0.05 - 0.1 - 0.3 - 0.5- 1 - 3 - 5 - 10 - 30 A,

- **Adjustable delay time**

t = 0 - 0.06 - 0.15 - 0.3 - 0.5 - 1 - 2 - 3- 5 - 10 s

- **Note: 30 A setting range only for type AC applications**



Sentron 3VL Circuit Beakers For System Protection

Part Number	Rated I(A)
3VL1702-*DD33-0AA0	16 - 20
3VL1703-*DD33-0AA0	25 - 32
3VL1704-*DD33-0AA0	32 - 40
3VL1705-*DD33-0AA0	40 - 50
3VL1706-*DD33-0AA0	50 - 63
3VL1708-*DD33-0AA0	63 - 80
3VL1710-*DD33-0AA0	80 - 100
3VL1712-*DD33-0AA0	100 - 125
3VL1716-*DD33-0AA0	125 - 160

VL 160X



*** 1 = Standard Switching Capacity (55kA @ 400V; 18ka @ 525V)**
*** 2 = High Breaking Capacity (70kA @ 400V; 30ka @ 525V)**

Part Number	Rated I(A)
3VL2705-*DC33-0AA0	40 - 50
3VL2706-*DC33-0AA0	50 - 63
3VL2708-*DC33-0AA0	63 - 80
3VL2710-*DC33-0AA0	80 - 100
3VL2712-*DC33-0AA0	100 - 125
3VL2716-*DC33-0AA0	125 - 160
3VL3720-*DC36-0AA0	160 - 200
3VL3725-*DC36-0AA0	200 - 250
3VL4731-*DC36-0AA0	250 - 315
3VL4740-*DC36-0AA0	320 - 400
3VL5750-*DC36-0AA0	400 - 500
3VL5763-*DC36-0AA0	500 - 630

*** 1 = Standard Switching Capacity (55kA @ 400V; 25ka @ 525V)**
*** 2 = High Breaking Capacity (70kA @ 400V; 40ka @ 525V)**
*** 3 = Very High Breaking Capacity (100kA @ 400V; 50ka @ 525V)**

Sentron 3VL Isolators

Part Number	Rated I(A)
3VL2710-*DE33-0AA0	100
3VL2716-*DE33-0AA0	160
3VL3725-*DE33-0AA0	250
3VL4740-*DE36-0AA0	400
3VL5763-*DE36-0AA0	630
3VL6780-*DE36-0AA0	800
3VL7712-*DE36-0AA0	1250
3VL8716-*DE30-0AA0	1600

*** 1 = Standard Switching Capacity (55kA @ 400V; 18ka @ 525V)**
*** 2 = Standard Switching Capacity (70kA @ 400V; 30ka @ 525V)**

Legend

DD	**TM, LI function Adj thermal overcurrent,non-Adj short-circuit**
DC	**TM, LI function Adj thermal overcurrent,Adj short-circuit**
DE	**Without overcurrent,with non-adjustable short-circuit release**

Sentron 3VL Circuit Breakers
For Motor Protection

Part Number	Rated I(A)
3VL2706-*DK33-0AA0	63
3VL2710-*DK33-0AA0	100
3VL2716-*DK33-0AA0	160
3VL3725-*DK36-0AA0	250
3VL4731-*DK36-0AA0	315
3VL5750-*DK36-0AA0	500



*** 1 = Standard Switching Capacity (55kA @ 400V; 25ka @ 525V)**
*** 2 = High Breaking Capacity (70kA @ 400V; 40ka @ 525V)**
*** 3 = Very High Breaking Capacity (100kA @ 400V; 50ka @ 525V)**

Part Number	Rated I(A)
3VL2706-*SE36-0AA0	63
3VL2710-*SE36-0AA0	100
3VL2716-*SE36-0AA0	160
3VL3720-*SE36-0AA0	200
3VL3725-*SE36-0AA0	250
3VL4731-*SE36-0AA0	315
3VL4740-*SE36-0AA0	400
3VL5763-*SE36-0AA0	630
3VL6780-*SE36-0AA0	800
3VL7710-*SE36-0AA0	1000
3VL7712-*SE36-0AA0	1250
3VL8716-*SE30-0AA0	1600

*** 1 = Standard Switching Capacity (55kA @ 400V; 25ka @ 525V)**
*** 2 = High Breaking Capacity (70kA @ 400V; 40ka @ 525V)**
*** 3 = Very High Breaking Capacity (100kA @ 400V; 50ka @ 525V)**

Legend

DK	**Magnetic, I function Without overcurrent,with Adj short-circuit**
SE	**LSI,Adj overcurrent,non-Adj short-circuit-short-circuit delay**

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sentron 3VL Circuit Breakers
Accessories

3VL1- 4

Undervoltage Coils	Voltage
3VL9400-1UG00	110V AC
3VL9400-1UH00	220V AC
3VL9400-1UJ00	400V AC
3VL9400-1UL00	525V AC
3VL9400-1UP00	24V DC
3VL9400-1UR00	110V DC
3VL9400-1US00	220V DC
Shunt Trip Coils	**Voltage**
3VL9400-1SR00	110V AC
3VL9400-1ST00	220V AC
3VL9400-1SV00	400-525V AC
3VL9400-1SC00	24V AC/DC
3VL9 400-1SK00	110V DC
3VL9 400-1SQ00	220V DC
Auxilliary Contacts	**Comb**
3VL9400-2AB00	1no/1nc
3VL9400-2AD00	1no/1nc/1as



3VL5 - 8

Undervoltage Coils	Voltage
3VL9800-1UG00	110V AC
3VL9800-1UH00	220V AC
3VL9800-1UJ00	400V AC
3VL9800-1UL00	525V AC
3VL9800-1UP00	24V DC
3VL9800-1UR00	110V DC
3VL9800-1US00	220V DC
Shunt Trip Coils	**Voltage**
3VL9800-1SR00	110V AC
3VL9800-1ST00	220V AC
3VL9800-1SV00	400-525V AC
3VL9800-1SC00	24V AC/DC
3VL9800-1SK00	110V DC
3VL9800-1SQ00	220V DC
Auxilliary Contacts	**Comb**
3VL9800-2AC00	2no/2nc
3VL9800-2AE00	1no/1nc/1as









Sentron 3VL Circuit Breakers Accessories

Siemens Rotary Handle Mechanism

siemens

Part Number	MCCB
3VL9300-3HF05	3VL1 - 3
3VL9400-3HF05	3VL 4
3VL9600-3HF05	3VL 5-6
3VL9800-3HF05	3VL7 - 8

Allbro

3VL9200-9HF04	3VL1
3VL9300-9HF04	3VL 2- 3
3VL9400-9HF04	3VL 4
3VL9600-9HF04	3VL5

Aux fitted in Siemens Rotary mechanism

Part Number		MCCB
3VL9300-3AS10	1 CO	3VL1 - 3
3VL9300-3AT10	2 CO	3VL 1 - 3
3VL9400-3AS10	1 CO	3VL 4
3VL9400-3AT10	2 CO	3VL 4
3VL9600-3AS10	1 CO	3VL 5
3VL9600-3AT10	2 CO	3VL 5
3VL9800-3AS10	1 CO	3VL6 - 8
3VL9800-3AT10	2 CO	3VL6 - 8



Siemens Handle

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sentron 3VL Circuit Breakers Residial Current Devices ONLY For TM, Starters, Disconnectors

RCD Modules 3 Pole

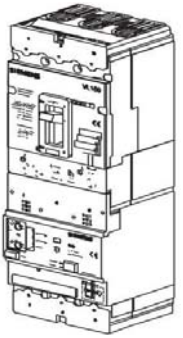
Part Number	Current	Voltage	
3VL9216-5GC30 (3VL2)	160	127-480v	1) 2)
3VL9216-5GD30 (3VL2)	160	230-690v	
3VL9325-5GE30	250	127-480v	
3VL9325-5GF30	250	230-690v	

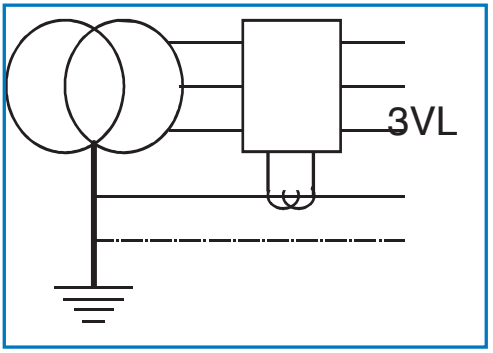
RCD Modules 4 Pole

Part Number	Current	Voltage
3VL9216-5GC40	160	127-480v
3VL9216-5GD40	160	230-690v
3VL9325-5GE40	250	127-480v
3VL9325-5GF40	250	230-690v
3VL9440-5GG40	400	127-480v
3VL9440-5GH40	400	230-690v



Adjustment
0.03
0.10
0.30
0.50
1.00
3.00





1)Only the right-hand accessory compartment and 4th-pole accessory compartment can be used for the installation of accessories,
2)VL160X (3VL1) + RCD module cannot be combined with motorized operating mechanism front operating mechanism door-coupling rotary operating mechanism locking device for toggle levers, screw terminal connections (3VL17..-....6-....) and Bowden wire interlocking.

SIRIUS - 3RV Moulded Case Circuit Breaker
For Starter Procection 550V Type 2 Selection

Part Number Magnetics Only	Rated I(A)	In (A)	kA @ 400V	kA@ 690V
3RV1353-6BP10	1.6	21	85	10
3RV1353-6DP10	3.2	42	85	10
3RV1353-6MM10	32	192-384	85	10
3RV1363-7AN10	100	100-1000	120	70
3RV1363-7CN10	160	160-1600	120	70
3RV1363-7EN10	250	250-2500	120	70
3RV1364-7AN10	100	100-1000	120	80
3RV1364-7CN10	160	160-1600	120	80
3RV1364-7EN10	250	250-2500	120	80
3RV1373-7GN10	400	400-4000	120	70
3RV1373-7JN10	630	630-6300	120	70
3RV1383-7JN10	630	630-6300	100	30
3RV1383-7KN10	800	800-8000	100	30





Part Number ETU & Magnetic	Rated I(A)	In (A)	kA@ 550V	kA@ 690V
3RV1063-7AL10	40-100	600-1300	120	70
3RV1063-7CL10	64-160	960-2080	120	70
3RV1063-7DL10	80-200	1200-2600	120	70
3RV1073-7GL10	160-400	2400-5200	120	70
3RV1083-7JL10	252-630	3780-8190	100	30



Rotary operating handle mechanisms

3RV1956-0BA0	LOCAL OPER.MECHANISM WITH LOCK/DOOR INTERLOCKING FOR FRAME SIZE 3RV13 5
3RV1976-0BA0	LOCAL OPER.MECHANISM WITH LOCK/DOOR INTERLOCKING FOR FRAME SIZE 3RV1. 6, 7
3RV1986-0BA0	LOCAL OPER.MECHANISM WITH LOCK/DOOR INTERLOCKING FOR FRAME SIZE 3RV1. 8



Accessories for 3RV13 MCCB's

3RV1991-1AA0	AUX. SWITCH 250V AC/DC, 1C/O for 3RV1. 5, 6, 7, 8
3RV1991-1BA0	AUX. SWITCH 250V AC/DC, 3C/O for 3RV1. 5, 6, 7, 8
3RV1952-1ED0	SHUNT TRIP UNIT 110...127V AC, 110...125V DC FOR FRAME SIZE 3RV13 5
3RV1982-1ED0	SHUNT TRIP UNIT 110...127V AC, 110...125V DC FOR FRAME SIZE 3RV1. 6, 7, 8
3RV1952-1EF0	SHUNT TRIP UNIT 220...240V AC, 220...250V DC FOR FRAME SIZE 3RV13 5
3RV1982-1EF0	SHUNT TRIP UNIT 220...240V AC, 220...250V DC FOR FRAME SIZE 3RV1. 6, 7, 8



SIRIUS Innovations 3RV2 Motor Starter Protectors/ Circuit Breakers up to 80A - Class 10 Thermal & Magnetic

Part Number	Rated I(A)	kA @ 400V	In	Size
3RV2011-0AA10	0.11 - 0.16	100	2.1	SIZE S00
3RV2011-0BA10	0.14 - 0.2	100	2.6	
3RV2011-0CA10	0.18 - 0.25	100	3.3	
3RV2011-0DA10	0.22 - 0.32	100	4.2	
3RV2011-0EA10	0.28 - 0.4	100	5.2	
3RV2011-0FA10	0.35 - 0.5	100	6.5	
3RV2011-0GA10	0.45 - 0.63	100	8.2	
3RV2011-0HA10	0.55 - 0.8	100	10	
3RV2011-0JA10	0.7 - 1	100	13	
3RV2011-0KA10	0.9 - 1.25	100	16	
3RV2011-1AA10	1.1 - 1.6	100	21	
3RV2011-1BA10	1.4 - 2	100	26	
3RV2011-1CA10	1.8 - 2.5	100	33	
3RV2011-1DA10	2.2 - 3.2	100	42	
3RV2011-1EA10	2.8 - 4	100	52	
3RV2011-1FA10	3.5 - 5	100	65	
3RV2011-1GA10	4.5 - 6.3	100	82	
3RV2011-1HA10	5.5 - 8	100	104	
3RV2011-1JA10	7 - 10	100	130	
3RV2011-1KA10	9 - 12.5	100	163	
3RV2011-4AA10	11 - 16	55	208	


3RV2011-0AA10

3RV2021-4AA10	11 - 16	55	208	SIZE S0
3RV2021-4BA10	14 - 20	55	260	
3RV2021-4CA10	17 - 22	55	286	
3RV2021-4DA10	20 - 25	55	325	
3RV2021-4NA10	23 - 28	55	364	
3RV2021-4EA10	27 - 32	55	400	
3RV2021-4PA10	23 - 28	20	432	
3RV2021-4FA10	34 - 40	20	480	


3RV2021-4AA10

3RV2031-4VA10	35 ... 45	65	650	SIZE S2
3RV2031-4WA10	42 ... 52	65	741	
3RV2031-4XA10	49 ... 59	65	845	
3RV2031-4JA10	54 ... 65	65	845	
3RV2031-4KA10	62 ... 73	65	949	
3RV2031-4RA10	70 ... 80	65	1040	

Size S2, with increased switching capacity

3RV2032-4VA10	35 ... 45	100	650	SIZE S2
3RV2032-4WA10	42 ... 52	100	741	
3RV2032-4XA10	49 ... 59	100	845	
3RV2032-4JA10	54 ... 65	100	845	
3RV2032-4KA10	62 ... 73	100	949	
3RV2032-4RA10	70 ... 80	100	1040	


3RV2032-4RA10

3RV2041-4KA10	57 ... 75	65	975	SIZE S3
3RV2041-4RA10	65 ... 84	65	1170	
3RV2041-4YA10	75 ... 93	65	1300	
3RV2041-4MA10	80 ... 100	65	1300	

Size S3, with increased switching capacity

3RV2042-4KA10	57 ... 75	100	975	SIZE S3
3RV2042-4RA10	65 ... 84	100	1170	
3RV2042-4YA10	75 ... 93	100	1300	
3RV2042-4MA10	80 ... 100	100	1300	


3RV2042-4KB10

SIRIUS Innovations 3RV2 Motor Starter Protectors/ Circuit Breakers up to 80A - Class 10 Magnetic Only

Part Number	Rated I(A)	kA @ 400V	In	Size
3RV2311-0AC10	0.16	100	2.1	SIZE S00
3RV2311-0BC10	0.2	100	2.6	
3RV2311-0CC10	0.25	100	3.3	
3RV2311-0DC10	0.32	100	4.2	
3RV2311-0EC10	0.4	100	5.2	
3RV2311-0FC10	0.5	100	6.5	
3RV2311-0GC10	0.63	100	8.2	
3RV2311-0HC10	0.8	100	10	
3RV2311-0JC10	1	100	13	
3RV2311-0KC10	1.25	100	16	
3RV2311-1AC10	1.6	100	21	
3RV2311-1BC10	2	100	26	
3RV2311-1CC10	2.5	100	33	
3RV2311-1DC10	3.2	100	42	
3RV2311-1EC10	4	100	52	
3RV2311-1FC10	5	100	65	
3RV2311-1GC10	6.3	100	82	
3RV2311-1HC10	8	100	104	
3RV2311-1JC10	10	100	130	
3RV2311-1KC10	12.5	100	163	
3RV2311-4AC10	16	55	208	


3RV2311-4AC10

3RV2321-4AC10	16	55	208	SIZE S0
3RV2321-4BC10	20	55	260	
3RV2321-4CC10	22	55	286	
3RV2321-4DC10	25	55	325	
3RV2321-4NC10	29	55	364	
3RV2321-4EC10	32	55	400	
3RV2321-4PC10	28	20	432	
3RV2321-4FC10	40	20	480	


3RV2321-4AC10

3RV2331-4VC10	45	65	650	SIZE S2
3RV2331-4WC10	52	65	741	
3RV2331-4XC10	59	65	845	
3RV2331-4JC10	65	65	845	
3RV2331-4KC10	73	65	949	
3RV2331-4RC10	80	65	1040	


3RV2331-4WC10

3RV2332-4VC10	45	100	650	SIZE S2
3RV2332-4WC10	52	100	741	
3RV2332-4XC10	59	100	845	
3RV2332-4JC10	65	100	845	
3RV2332-4KC10	73	100	949	
3RV2332-4RC10	80	100	1040	

3RV2341-4KC10	75	65	975	SIZE S3
3RV2341-4RC10	84	65	1170	
3RV2341-4YC10	93	65	1300	
3RV2341-4MC10	100	65	1300	

Size S3, with increased switching capacity

3RV2342-4KC10	75	100	975	SIZE S3
3RV2342-4RC10	84	100	1170	
3RV2342-4YC10	93	100	1300	
3RV2342-4MC10	100	100	1300	


3RV2341-4FC10

SIRIUS Innovations 3RV2 Transformer Protectors - Thermal & Magnetic (20X)

Part Number	Rated I(A)	kA @ 400V	In	Size
3RV2411-0AA10	0.11 - 0.16	100	3.3	SIZE S00
3RV2411-0BA10	0.14 - 0.2	100	4.2	
3RV2411-0CA10	0.18 - 0.25	100	5.2	
3RV2411-0DA10	0.22 - 0.32	100	6.5	
3RV2411-0EA10	0.28 - 0.4	100	8.2	
3RV2411-0FA10	0.35 - 0.5	100	10	
3RV2411-0GA10	0.45 - 0.63	100	13	
3RV2411-0HA10	0.55 - 0.8	100	16	
3RV2411-0JA10	0.7 - 1	100	21	
3RV2411-0KA10	0.9 - 1.25	100	26	
3RV2411-1AA10	1.1 - 1.6	100	33	
3RV2411-1BA10	1.4 - 2	100	42	
3RV2411-1CA10	1.8 - 2.5	100	52	
3RV2411-1DA10	2.2 - 3.2	100	65	
3RV2411-1EA10	2.8 - 4	100	82	
3RV2411-1FA10	3.5 - 5	100	104	
3RV2411-1GA10	4.5 - 6.3	100	130	
3RV2411-1HA10	5.5 - 8	100	163	
3RV2411-1JA10	7 - 10	100	208	
3RV2411-1KA10	9 - 12.5	100	260	
3RV2411-4AA10	11 - 16	55	286	


3RV2411-0AA10

3RV2421-4AA10	11 - 16	55	286	SIZE S0
3RV2421-4BA10	14 - 20	55	325	
3RV2421-4CA10	17 - 22	55	364	
3RV2421-4DA10	20 - 25	55	400	

3RV2431-4EA10	22 ... 32	65	656	SIZE S2
3RV2431-4UA10	32 ... 40	65	820	
3RV2431-4VA10	35 ... 45	65	922	
3RV2431-4WA10	42 ... 52	65	1025	
3RV2431-4XA10	49 ... 59	65	1040	
3RV2431-4JA10	54 ... 65	65	1040	


3RV2431-4WA10

3-phase busbars

For feeding several motor starter protectors with screw terminals, mounted side by side on standard mounting rails, insulated, with touch protection


3RV1915-1AB


3RV1915-1BB


3RV1915-1CB


3RV1915-1DB

45[3]	2	--	--	63	S00, S0[2]	▶	**3RV1915-1AB**
	3	--	--	63	S00, S0[2]	▶	**3RV1915-1BB**
	4	--	--	63	S00, S0[2]	▶	**3RV1915-1CB**
	5	--	--	63	S00, S0[2]	▶	**3RV1915-1DB**
55[4]	--	2	--	63	S00, S0[2]	▶	**3RV1915-2AB**
	--	3	--	63	S00, S0[2]	▶	**3RV1915-2BB**
	--	4	--	63	S00, S0[2]	▶	**3RV1915-2CB**
	--	5	--	63	S00, S0[2]	▶	**3RV1915-2DB**
	2	--	--	108	S2	▶	**3RV1935-1A**
	3	--	--	108	S2	▶	**3RV1935-1B**
	4	--	--	108	S2	▶	**3RV1935-1C**
63[5]	--	--	2	63	S00, S0[2]	▶	**3RV1915-3AB**
	--	--	4	63	S00, S0[2]	▶	**3RV1915-3CB**
75[5]	--	2	2	108	S2	▶	**3RV1935-3A**
	--	3	3	108	S2	▶	**3RV1935-3B**
	--	4	4	108	S2	▶	**3RV1935-3C**

3-phase line side terminal

Three-phase infeed terminals


3RV2925-5AB


3RV2935-5A

Connection from top

2.5 ... 25	2.5 ... 16	10 ... 4	3 ... 4	S00, S0	▶ **3RV2925-5AB**
2 x (2.5 ... 50)[1], 1 x (2.5 ... 70)[1]	2 x (2.5 ... 35)[1], 1 x (2.5 ... 50)[1]	2 x (10 ... 1/0)[1], 1 x (10 ... 2/0)[1]	4 ... 6	S2	▶ **3RV2935-5A**

SIRIUS Innovations 3RV2
Accessories

Rotary operating mechanism

3RV1921-1B	Allbro handle mechanism (Local)	**S00 & S0**
3RV1931-1B	Allbro handle mechanism (Local)	**S2**
3RV1941-1B	Allbro handle mechanism (Local)	**S3**
3RV2926-0B	Handle and 130mm shaft - German design	**S00 ... S3**
3RV2926-0K	Handle and 330mm shaft - German design	**S00 ... S3**
3RV2926-2B	Complete rotary handle mechanism. German Design, Gray with 300mm long shaft	**S00, S0**
3RV2926-2C	Complete rotary handle mechanism. German Design, Yellow & Red with 300mm long shaft	**S00 & S0**
3RV2936-2B	Complete rotary handle mechanism. German Design, Gray with 300mm long shaft	**S2**
3RV2936-2C	Complete rotary handle mechanism. German Design, Yellow & Red with 300mm long shaft	**S2**
3RV2946-2B	Complete rotary handle mechanism. German Design, Gray with 300mm long shaft	**S3**
3RV2946-2C	Complete rotary handle mechanism. German Design, Yellow & Red with 300mm long shaft	**S3**


3RV2926-0B


3RV2926-2B


3RV2936-2C

Lateral auxiliary switches

3RV2901-1A	1NO+1NC	**S00...S2**
3RV2901-1B	2NO	
3RV2901-1C	2NC	
3RV2901-1J	2NO+2NC	


3RV2901-1A

Transverse auxiliary switches

3RV2901-1D	1 CO	**S00-S2**
3RV2901-1E	1NO+1NC	
3RV2901-1F	2NO	


3RV2901-1E

Signal switch (tripped & short circuit)

3RV2921-1M	1NO + 1NC	**S00...S0**


3RV2921-1M

Isolator Modules

3RV2928-1A	Locable isolator module	**S00 - S2**
3RV2938-1A	Locable isolator module	**S2**



Undervoltage trip release

3RV2902-1AB4	24V DC	**S00-S0**
3RV2902-1AF0	110V AC	
3RV2902-1AP0	230V AC	
3RV2902-1AV0	400V AC	
3RV2902-1AS0	500V AC	


3RV2902-1AV0

Shunt trips release

3RV2902-1DB0	24 V AC	**S00-S2**
3RV2902-1DF0	110 V AC	
3RV2902-1DP0	220 V AC	
3RV2902-1DV0	380 V AC	
3RV2902-1DS0	500 V AC	



SIRIUS Innovations 3RV2 Accessories

Part Number	Description	
Link modules between 3RV2 MSP & 3RT2 contactors with screw terminals		
3RA1921-1DA00	Link module between S00 3RV2 and S00 3RT2 AC/DC - Single Units	 3RA2921-1AA00
3RA2921-1AA00	Link module between S00/S0 3RV2 and S0 3RT2 AC Only - Single Units	
3RA2921-1BA00	Link module between S00/S0 3RV2 and S00 3RT2 DC Only - Single Units	
3RA2931-1AA00	Link module between S2 3RV2 and S2 3RT2 AC/DC - Single Units	 3RA2931-1AA00
3RA1941-1AA00	Link module between S3 3RV2 and S3 3RT2 AC/DC - Single Units	
3RA1921-1D	Link module between S00 3RV2 and S00 3RT2 AC/DC - Packs of 10	
3RA2921-1A	Link module between S00/S0 3RV2 and S0 3RT2 AC Only - Packs of 10	
3RA2921-1B	Link module between S00/S0 3RV2 and S00 3RT2 DC Only - Packs of 10	
3RA2931-1A	Link module between S2 3RV2 and S2 3RT2 AC/DC Only - Packs of 5	
3RA1941-1A	Link module between S3 3RV2 and S3 3RT2 AC/DC - Packs of 5	
Molded-plastic enclosures for surface mounting 3RV2		
3RV1923-1CA00	Moulded Plastic, IP55 enclosure with N & PE terminals - Size S00 & S0, 54mm wide	 3RV1933-1DA00
3RV1923-1DA00	Moulded Plastic, IP55 enclosure with N & PE terminals - Size S00 & S0, 72mm wide	
3RV1933-1DA00	Moulded Plastic, IP55 enclosure with N & PE terminals - Size 2, 82mm wide	
3RV1923-1FA00	Moulded Plastic, IP55 enclosure with N & PE terminals - Size S00 & S0, 54mm wide, yellow & red handle	 3RV1923-1FA00, 3RV1933-1GA00
3RV1923-1GA00	Moulded Plastic, IP55 enclosure with N & PE terminals - Size S00 & S0, 72mm wide, yellow & red handle	
3RV1933-1GA00	Moulded Plastic, IP55 enclosure with N & PE terminals - Size S2, 82mm wide, yellow & red handle	
Cast aluminum enclosures for surface mounting 3RV2		 3RV1923-1DA01
3RV1923-1DA01	Cast aluminum, IP65 enclosure with PE terminal - Size S00 & S0, 54mm wide	
3RV1923-1GA01	Cast aluminum, IP65 enclosure with PE terminal - Size S00 & S0, 72mm wide	

www.siemens.com/ie3ready

www.siemens.com/sirius

www.automation.siemens.com/SinaSave

Please use below contact information should you require further assistance

SIRIUS Classic 3RV1 Size S3 Motor Starter Protectors/ Circuit Breakers up to 100A - Class 10

Part Number	Rated I(A)	kA @ 400V	In	Size
For Motor Protection				
3RV1041-4FA10	28-40	50	520	SIZE 3
3RV1041-4HA10	36-50	50	650	
3RV1041-4JA10	45-63	50	819	
3RV1041-4KA10	57-75	50	975	
3RV1041-4LA10	70-90	50	1170	
3RV1041-4MA10	80-100	50	1235	
For starter combinations				
3RV1341-4FC10	40	100	520	SIZE S3
3RV1341-4HC10	50	100	650	
3RV1341-4JC10	63	100	819	
3RV1341-4KC10	75	100	975	
3RV1341-4LC10	90	100	1170	
3RV1341-4MC10	100	100	1235	
Lateral auxiliary switches				
3RV1901-1A	1NO+1NC			SIZE S3
3RV1901-1B	2NO			
3RV1901-1C	2NC			
3RV1901-1J	2NO+2NC			
Transverse auxiliary switches				
3RV1901-1D	1 CO			SIZE S3
3RV1901-1E	1NO+1NC			
3RV1901-1F	2NO			
Signal switch (tripped & short circuit)				
3RV1921-1M	1NO + 1NC			S3
Undervoltage trip units				
3RV1902-1AB4	24V DC			SIZE S3
3RV1902-1AF0	110V AC			
3RV1902-1AP0	230V AC			
3RV1902-1AV0	400V AC			
Shunt trips				
3RV1902-1DB0	24 V AC			SIZE S3
3RV1902-1DF0	110 V AC			
3RV1902-1DP0	220 V AC			
3RV1902-1DV0	380 V AC			
3RV1902-1DS0	500 V AC			
Rotary operating mechanism				
3RV1941-1B	Allbro Handle			S3
3RV2946-2B	Complete rotary handle mechanism. German Design, Gray with 300mm long			S3

3RV1042... Available



3RV1041-4LA10

3RV1342... Available



3RV1901-1A



3RV1901-1E



3RV1902-1DP0



3RV2946-2B

SIRIUS Classic 3RV1 Circuit Breakers - S0, S2, & S3 up to 100A

Part Number	Rated I(A)	kA @ 400V	In	Size
3RV1031-4AA10	11-16	50	12	SIZE S2
3RV1031-4BA10	14-20	50	12	
3RV1031-4DA10	18-25	50	12	
3RV1031-4EA10	22-32	50	10	
3RV1031-4FA10	28-40	50	10	
3RV1031-4GA10	36-45	50	10	
3RV1031-4HA10	40-50	50	10	


3RV1031-4HA10

3RV1041-4FA10	28-40	50	12	SIZE 3
3RV1041-4HA10	36-50	50	12	
3RV1041-4JA10	45-63	50	12	
3RV1041-4KA10	57-75	50	8	
3RV1041-4LA10	70-90	50	8	
3RV1041-4MA10	80-100	50	8	


3RV1041-4LA10

For starter combinations

3RV1331-4AC10	16	50	100	SIZE S2
3RV1331-4BC10	20	50	100	
3RV1331-4DC10	25	50	100	
3RV1331-4EC10	32	50	100	
3RV1331-4FC10	40	50	100	
3RV1331-4GC10	45	50	100	
3RV1331-4HC10	50	50	100	


3RV1321-0AC10

3RV1341-4FC10	40	100	100	SIZE S3
3RV1341-4HC10	50	100	100	
3RV1341-4JC10	63	100	100	
3RV1341-4KC10	75	100	100	
3RV1341-4LC10	90	100	100	
3RV1341-4MC10	100	100	100	

www.siemens.com/ie3ready

www.siemens.com/sirius

www.automation.siemens.com/SinaSave

Please use below contact information should you require further assistance

SIRIUS Classic 3RV1 Circuit Breakers - Accessories

Lateral auxiliary switches

Part Number	Description	Details
3RV1901-1A	1NO+1NC	SIZE S00-S3
3RV1901-1B	2NO	
3RV1901-1C	2NC	
3RV1901-1J	2NO+2NC	



Transverse auxiliary switches

3RV1901-1D	1 CO	SIZE S00-S3
3RV1901-1E	1NO+1NC	
3RV1901-1F	2NO	



Signal switch (tripped & short circuit)

3RV1921-1M	1NO + 1NC	S0-S3



Undervoltage trip units

3RV1902-1AB4	24V DC	SIZE S00-S3
3RV1902-1AF0	110V AC	
3RV1902-1AP0	230V AC	
3RV1902-1AV0	400V AC	



Shunt trips

3RV1902-1DB0	24 V AC	SIZE S00-S3
3RV1902-1DF0	110 V AC	
3RV1902-1DP0	220 V AC	
3RV1902-1DV0	380 V AC	
3RV1902-1DS0	500 V AC	

3-phase busbars

3RV1915-1AB	2 breakers,modular spacing 45mm	SIZE S00-S0
3RV1915-1BB	3 breakers,modular spacing 45mm	
3RV1915-1CB	4 breakers,modular spacing 45mm	
3RV1915-1DB	5 breakers,modular spacing 45mm	
3RV1915-3AB	2 breakers,modular spacing 63mm	
3RV1915-3CB	4 breakers,modular spacing 63mm	



3-phase line side terminal

3RV1915-5A	top connection	SIZE S00-S0
3RV1915-5B	bottom connection	
3RV1915-5B	Cover for tags	



Rotary operating mechanism

3RV1921-1B	Allbro Handle	S0
3RV1931-1B	Allbro Handle	S2
3RV1941-1B	Allbro Handle	S3
3RV2926-2B	Door coupling oper. Mech.	S0
3RV2936-2B	Door coupling oper. Mech.	S2
3RV2946-2B	Door coupling oper. Mech.	S3



MCB's &
Fuses

Miniature Circuit Breakers (MCB's)
Type 5SY-15kA, C Curve

Part Number	Details	Rated Current
5SY7101-7CC	Single pole	1
5SY7102-7CC		2
5SY7104-7CC		4
5SY7106-7CC		6
5SY7110-7CC		10
5SY7116-7CC		16
5SY7120-7CC		20
5SY7125-7CC		25
5SY7132-7CC		32
5SY7140-7CC		40
5SY7150-7CC		50
5SY7163-7CC		63



5SY7501-7CC	Single pole+N	1
5SY7502-7CC		2
5SY7504-7CC		4
5SY7506-7CC		6
5SY7510-7CC		10
5SY7516-7CC		16
5SY7520-7CC		20
5SY7525-7CC		25
5SY7532-7CC		32
5SY7540-7CC		40
5SY7550-7CC		50
5SY7563-7CC		63



5SY7201-7CC	Double pole	1
5SY7202-7CC		2
5SY7204-7CC		4
5SY7206-7CC		6
5SY7210-7CC		10
5SY7216-7CC		16
5SY7220-7CC		20
5SY7225-7CC		25
5SY7232-7CC		32
5SY7240-7CC		40
5SY7250-7CC		50
5SY7263-7CC		63



5SY7301-7CC	Triple pole	1
5SY7302-7CC		2
5SY7304-7CC		4
5SY7306-7CC		6
5SY7310-7CC		10
5SY7316-7CC		16
5SY7320-7CC		20
5SY7325-7CC		25
5SY7332-7CC		32
5SY7340-7CC		40
5SY7350-7CC		50
5SY7363-7CC		63



Also available in D curve

Miniature Circuit Breakers (MCB's): Type 5SY - 15kA, C Curve

Part Number	Details	Rated Current
5SY7401-7CC	Four pole	1
5SY7402-7CC		2
5SY7404-7CC		4
5SY7406-7CC		6
5SY7410-7CC		10
5SY7416-7CC		16
5SY7420-7CC		20
5SY7425-7CC		25
5SY7432-7CC		32
5SY7440-7CC		40
5SY7450-7CC		50
5SY7463-7CC		63



220VDC 10kA		
5SY5101-7CC	Single pole	1
5SY5102-7CC		2
5SY5104-7CC		4
5SY5106-7CC		6
5SY5110-7CC		10
5SY5116-7CC		16
5SY5120-7CC		20
5SY5125-7CC		25
5SY5132-7CC		32
5SY5140-7CC		40
5SY5150-7CC		50
5SY5163-7CC		63



5SY5201-7CC	Double pole	1
5SY5202-7CC		2
5SY5204-7CC		4
5SY5206-7CC		6
5SY5210-7CC		10
5SY5216-7CC		16
5SY5220-7CC		20
5SY5225-7CC		25
5SY5232-7CC		32
5SY5240-7CC		40
5SY5250-7CC		50
5SY5263-7CC		63



Accessories	
5ST3030	AC110-415V Shunt trip
5ST3010	1NO+1NC Aux sw.
5ST3801	locking device
5ST3011	2NC Aux sw.
5ST3814-0CC	Handle Mechanism







Residual Current Circuit Breakers (RCCB's) Type 5SV

Part Number	I (mA)	I (A)	MW
Two Pole			
5SV4111-0	10	16	2
5SV4312-0	30	25	2
5SV4314-0		40	
5SV4412-0	100	25	2
5SV4414-0		40	
5SV4612-0	300	25	2
5SV4614-0		40	



Two Pole			
5SV4316-0	30	63	3
5SV4317-0		80	
5SV4416-0	100	63	2,5
5SV4417-0		80	
5SV4616-0	300	63	2,5
5SV4617-0		80	



Four Pole			
5SV4342-0	30	25	4
5SV4344-0		40	
5SV4346-0		63	
5SV4442-0	100	25	4
5SV4444-0		40	
5SV4446-0		63	
5SV4642-0	300	25	4
5SV4644-0		40	
5SV4646-0		63	



Aux Switch Block	
5SW3300	1NO + 1CN



Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sentron Switching Devices and Switch Disconectors

Part Number	Rated I(A)	
3LD 3 Pole 4 Hole mounting		
3LD2003-0TK_ _	16	
3LD2103-0TK_ _	25	
3LD2203-0TK_ _	32	
3LD2504-0TK_ _	63	
3LD2704-0TK_ _	100	
3LD2804-0TK_ _	125	
Actuators		
Black 51		
Red/Yellow 53		
3LD 3+N Pole 4 Hole mounting		
3LD2003-1TL_ _	16	
3LD2103-1TL_ _	25	
3LD2203-1TL_ _	32	
3LD2504-1TL_ _	63	
3LD2704-0TK_ _	100	+3LD9280-0B
3LD2804-0TK_ _	125	+3LD9280-0B
Actuators		
Black 51		
Red/Yellow 53		

3LD



Part Number	Rated I(A)	Fuse Size
3NP1 3Pole		
3NP1133-1CA10	160	000 - 00
3NP1143-1DA10	250	0 - 1
3NP1153-1DA10	400	1 - 2
3NP1163-1DA10	630	2 - 3

3NP1





3KD Switch Disconnectors Up To 1600 A

Part Number	Rated I(A)		Size
3KD Basic units without handle, front operating mechanisms			
3 POLES		**4 POLES**	
3KD1630-2ME10-0	16	**3KD1640-2ME10-0**	1
3KD2230-2ME10-0	32	**3KD2240-2ME10-0**	1
3KD2630-2ME10-0	63	**3KD2640-2ME10-0**	1
3KD2830-2NE10-0	80	**3KD2840-2NE10-0**	2
3KD3030-2NE10-0	100	**3KD3040-2NE10-0**	2
3KD3230-2NE10-0	125	**3KD3240-2NE10-0**	2
3KD3430-2NE10-0	160	**3KD3440-2NE10-0**	2
3KD3630-0NE10-0	200	**3KD3640-0NE10-0**	2
3KD3830-0PE10-0	250	**3KD3840-0PE10-0**	3
3KD4030-0PE10-0	315	**3KD4040-0PE10-0**	3
3KD4230-0PE10-0	400	**3KD4240-0PE10-0**	3
3KD4430-0QE10-0	500	**3KD4440-0QE10-0**	4
3KD4630-0QE10-0	630	**3KD4640-0QE10-0**	4
3KD4830-0QE10-0	800	**3KD4840-0QE10-0**	4
3KD5030-0RE10-0	1000	**3KD5040-0RE10-0**	5
3KD5230-0RE10-0	1250	**3KD5240-0RE10-0**	5
3KD5430-0RE10-0	1600	**3KD5440-0RE10-0**	5
3KD Complete assemblies with direct operating mechanism Gray			
3 POLES		**4 POLES**	
3KD1632-2ME10-0	16	**3KD1642-2ME10-0**	1
3KD2232-2ME10-0	32	**3KD2242-2ME10-0**	1
3KD2632-2ME10-0	63	**3KD2642-2ME10-0**	1
3KD2832-2NE10-0	80	**3KD2842-2NE10-0**	2
3KD3032-2NE10-0	100	**3KD3042-2NE10-0**	2
3KD3232-2NE10-0	125	**3KD3242-2NE10-0**	2
3KD3432-2NE10-0	160	**3KD3442-2NE10-0**	2
3KD3632-0NE10-0	200	**3KD3642-0NE10-0**	2
3KD3832-0PE10-0	250	**3KD3842-0PE10-0**	3
3KD4032-0PE10-0	315	**3KD4042-0PE10-0**	3
3KD4232-0PE10-0	400	**3KD4242-0PE10-0**	3
3KD4432-0QE10-0	500	**3KD4442-0QE10-0**	4
3KD4632-0QE10-0	630	**3KD4642-0QE10-0**	4
3KD4832-0QE10-0	800	**3KD4842-0QE10-0**	4
3KD5032-0RE10-0	1000	**3KD5042-0RE10-0**	5
3KD5232-0RE10-0	1250	**3KD5242-0RE10-0**	5
3KD5432-0RE10-0	1600	**3KD5442-0RE10-0**	5







Accessories and spare parts

Door-coupling rotary operating mechanisms		
Gray	**Sizes**	**Red/yellow**
3KD9115-1	**for size 1; 3KD....-.M**	**3KD9115-2**
3KD9215-1	**for size 2; 3KD....-.N**	**3KD9215-2**
3KD9315-1	**for size 3; 3KD....-.P**	**3KD9315-2**
3KD9415-1	**for size 4; 3KD....-.Q**	**3KD9415-2**
3KD9515-1	**for size 5; 3KD....-.R**	**3KD9515-2**





Auxiliary switches	
3KD9103-5	**Auxiliary switch module for 3KD9103-1**
3KD9103-1	**Auxiliary switch for sizes 1 and 2, 1CO**
3SB3400-0A	**Auxiliary switch for sizes 3 to 5, 1NO/1NC**







Sentron Switching Devices and Switch Disconectors

Part Number	Rated I(A)	Fuse Size
3KL 3 Pole Basic version without Handle		
3KL5030-1AB01	63	000 - 00
3KL5230-1AB01	125	000 - 00
3KL5330-1AB01	160	000 - 00
3KL5530-1AB01	250	1 - 2
3KL5730-1AB01	400	1 - 2
3KL6130-1AB02	630	2 - 3
3KL6230-1AB02	800	2 - 3
3KL 4 Pole Basic version without Handle		
3KL5040-1AB01	63	000 - 00
3KL5240-1AB01	125	000 - 00
3KL5340-1AB01	160	000 - 00
3KL5540-1AB01	250	1 - 2
3KL5740-1AB01	400	1 - 2
3KL6140-1AB00	630	2 - 3
3KL 3 Pole Basic version with 8UC Handle		
3KL5030-1GB01	63	000 - 00
3KL5230-1GB01	125	000 - 00
3KL5330-1GB01	160	000 - 00
3KL5530-1GB01	250	1 - 2
3KL5730-1GB01	400	1 - 2
3KL6130-1GB02	630	2 - 3
3KL6230-1GB02	800	2 - 3
3KL 4 Pole Basic version with 8UC Handle		
3KL5040-1GB01	63	000 - 00
3KL5240-1GB01	125	000 - 00
3KL5340-1GB01	160	000 - 00
3KL5540-1GB01	250	1 - 2
3KL5740-1GB01	400	1 - 2
3KL6140-1GB02	630	2 - 3



Sentron Switching Devices and Switch Disconectors Accessories

3LD

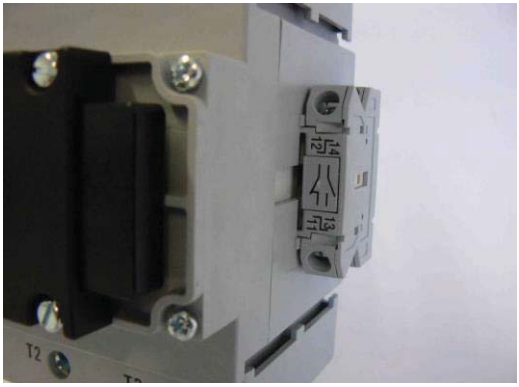
Part Number	Description
3LD9200-2B	N or PE terminal
3LD9200-5B	Auxiliary contacts 1no/1nc
3LD9224-1B	Rotary Handle Black Padlockable
3LD9224-3B	Rotary Handle Red/Yellow Padlockable
3LD9220-0C	4th Contact Neutral

3NP1

Part Number	Description
3NP1920-1FA00	Auxiliary contact 1co
3NP1923-1DA00	Door Cover
3NP1923-1CF00	Door Cover Support

3KL

Part Number	Description
3KL5030	
3KX3507-0AA01	Fuse Partitions
8UC7111-1BB10	Lockable handle with shaft(300mm)
3SB1400-0A	Auxiliary Contacts 1no/1nc
3KL5040/3KL52/3KL53	
3KX3507-0AA01	Fuse Partitions
8UC7212-1BB20	Lockable handle with shaft(300mm)
3SB1400-0A	Auxiliary Contacts 1no/1nc
3KL55/3KL57	
3KX3557-0AA01	Fuse Partitions
8UC7313-1BB30	Lockable handle with shaft(300mm)
3SB1400-0A	Auxiliary Contacts 1no/1nc
3KL61/3KL62	
8UC7414-1BB44	Lockable handle with shaft(300mm)
8UC9253	Shaft Coupling
3KX3612-1B	Auxiliary Contacts 1no/1nc



HRC - Fuses

Part Number	Description	Size	Current (I)
gL/gG - cable & line protection. 500V AC / 440V DC (S000 250VDC)			
3NA3801	HRC Fuse Link	000	6
3NA3803	HRC Fuse Link	000	10
3NA3805	HRC Fuse Link	000	16
3NA3807	HRC Fuse Link	000	20
3NA3810	HRC Fuse Link	000	25
3NA3812	HRC Fuse Link	000	32
3NA3814	HRC Fuse Link	000	35
3NA3817	HRC Fuse Link	000	40
3NA3820	HRC Fuse Link	000	50
3NA3822	HRC Fuse Link	000	63
3NA3824	HRC Fuse Link	000	80
3NA3830	HRC Fuse Link	000	100
3NA3832	HRC Fuse Link	00	125
3NA3836	HRC Fuse Link	00	160
gL/gG - cable & line protection. 690V AC / 440V DC (S000 250VDC)			
3NA3801-6	HRC Fuse Link	000	6
3NA3803-6	HRC Fuse Link	000	10
3NA3805-6	HRC Fuse Link	000	16
3NA3807-6	HRC Fuse Link	000	20
3NA3810-6	HRC Fuse Link	000	25
3NA3812-6	HRC Fuse Link	000	32
3NA3814-6	HRC Fuse Link	000	35
3NA3820-6	HRC Fuse Link	000	50
3NA3822-6	HRC Fuse Link	00	63
3NA3824-6	HRC Fuse Link	00	80
3NA3830-6	HRC Fuse Link	00	100





ET - Fuses

Part Number	Description	Size	Current (I)
gL/gG - cable & line protection. 500V AC / 440V DC			
3NA3110	HRC Fuse Link	1	25
3NA3120	HRC Fuse Link	1	50
3NA3122	HRC Fuse Link	1	63
3NA3130	HRC Fuse Link	1	100
3NA3132	HRC Fuse Link	1	125
3NA3136	HRC Fuse Link	1	160
3NA3140	HRC Fuse Link	1	200
3NA3142	HRC Fuse Link	1	224
3NA3144	HRC Fuse Link	1	250
3NA3244	HRC Fuse Link	2	250
3NA3250	HRC Fuse Link	2	300
3NA3252	HRC Fuse Link	2	315
3NA3254	HRC Fuse Link	2	355
3NA3260	HRC Fuse Link	2	400
3NA3354	HRC Fuse Link	3	355
3NA3360	HRC Fuse Link	3	400
3NA3360	HRC Fuse Link	3	400
3NA3365	HRC Fuse Link	3	500
3NA3372	HRC Fuse Link	3	630
3NA3475	HRC Fuse Link	4	800
3NA3480	HRC Fuse Link	4	1000







ET - Semiconductor Fuses

Part Number	Description	Size	Current (I)
gS - Semiconductir protection. 690V AC			
3NE1813-0	Sitor Fuse Link	000	16
3NE1814-0	Sitor Fuse Link	000	20
3NE1815-0	Sitor Fuse Link	000	25
3NE1803-0	Sitor Fuse Link	000	35
3NE1802-0	Sitor Fuse Link	000	40
3NE1817-0	Sitor Fuse Link	000	50
3NE1818-0	Sitor Fuse Link	000	63
3NE1820-0	Sitor Fuse Link	000	80
3NE1021-0	Sitor Fuse Link	00	100
3NE1022-0	Sitor Fuse Link	00	125
3NE1224-0	Sitor Fuse Link	1	160
3NE1225-0	Sitor Fuse Link	1	200
3NE1227-0	Sitor Fuse Link	1	250
3NE1230-0	Sitor Fuse Link	1	315
3NE1331-0	Sitor Fuse Link	2	350
3NE1332-0	Sitor Fuse Link	2	400
3NE1333-0	Sitor Fuse Link	2	450
3NE1334-0	Sitor Fuse Link	2	500
3NE1435-0	Sitor Fuse Link	3	560
3NE1436-0	Sitor Fuse Link	3	630
3NE1437-0	Sitor Fuse Link	3	710
3NE1438-0	Sitor Fuse Link	3	800
3NE8018-1	Sitor Fuse Link	00	63
3NE8020-1	Sitor Fuse Link	00	80
3NE8021-1	Sitor Fuse Link	00	100
3NE8024-1	Sitor Fuse Link	00	160









ET - Semiconductor Fuses

Part Number	Description	Size	Current (I)
gS - Semiconductir protection. 1000V AC			
3NE4101	Sitor Fuse Link	0	32
3NE4118	Sitor Fuse Link	0	63
3NE4120	Sitor Fuse Link	0	80
3NE4121	Sitor Fuse Link	0	100
3NE4124	Sitor Fuse Link	0	100
3NE3222	Sitor Fuse Link	1	125
3NE3224	Sitor Fuse Link	1	160
3NE3225	Sitor Fuse Link	1	200
3NE3227	Sitor Fuse Link	1	250
3NE3230-0B	Sitor Fuse Link	1	315
3NE3231	Sitor Fuse Link	1	350
3NE3232-0B	Sitor Fuse Link	1	400
3NE3233	Sitor Fuse Link	1	450
3NE3333	Sitor Fuse Link	2	450
3NE3334-0B	Sitor Fuse Link	2	500
3NE3335	Sitor Fuse Link	2	560
3NE3336	Sitor Fuse Link	2	630
3NE3337-8	Sitor Fuse Link	2	710
3NE3338-8	Sitor Fuse Link	2	800
3NE3340-8	Sitor Fuse Link	2	900







ET - Fuses
Accessories

Part Number	Description	Size	Current (I)	
Fuse accessories				
3NH3031	Fuse base, 1-pole	00	160	
3NH3230	Fuse base, 1-pole	1	250	
3NH3330	Fuse base, 1-pole	2	400	
3NH3430	Fuse base, 1-pole	3	630	
3NH3530	Fuse base, 1-pole	4	1250	
3NH4030	Fuse base, 3-pole	00	160	
3NH4230	Fuse base, 3-pole	1	250	
3NX1013	Fuse Puller without sleeve	000 - 4	-	
3NX1014	Fuse Puller with sleeve	000 - 4	-	
3NX2023	Phase & end barriers	000 / 00	-	
3NX2024	Phase & end barriers	1	-	
3NX2025	Phase & end barriers	2	-	
3NG1002	Solid copper links	00	160	
3NG1202	Solid copper links	1	250	
3NG1302	Solid copper links	2	400	
3NG1402	Solid copper links	3	630	

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

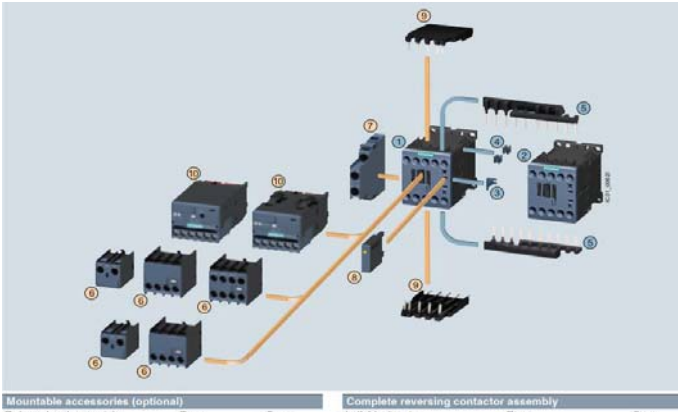

Contactors &
Relays

SIRIUS Innovations 3RT2 Size S0 Contactor, AC Coil Operation

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V AC	Aux
Operational Current Ie @ 400V AC-3 Duty - 7A SIZE S00				
3RT2015-1AB01	3	3.5	24	1N/O
3RT2015-1AB02	3	3.5	24	1N/C
3RT2015-1AF01	3	3.5	110	1N/O
3RT2015-1AF02	3	3.5	110	1N/C
3RT2015-1AP01	3	3.5	220	1N/O
3RT2015-1AP02	3	3.5	220	1N/C
Operational Current Ie @ 400V AC-3 Duty - 9A SIZE S00				
3RT2016-1AB01	4	4.5	24	1N/O
3RT2016-1AB02	4	4.5	24	1N/C
3RT2016-1AF01	4	4.5	110	1N/O
3RT2016-1AF02	4	4.5	110	1N/C
3RT2016-1AP01	4	4.5	220	1N/O
3RT2016-1AP02	4	4.5	220	1N/C
Operational Current Ie @ 400V AC-3 Duty - 12A SIZE S00				
3RT2017-1AB01	5.5	5.5	24	1N/O
3RT2017-1AB02	5.5	5.5	24	1N/C
3RT2017-1AF01	5.5	5.5	110	1N/O
3RT2017-1AF02	5.5	5.5	110	1N/C
3RT2017-1AP01	5.5	5.5	220	1N/O
3RT2017-1AP02	5.5	5.5	220	1N/C
Operational Current Ie @ 400V AC-3 Duty - 16A SIZE S00				
3RT2018-1AB01	7.5	7.5	24	1N/O
3RT2018-1AB02	7.5	7.5	24	1N/C
3RT2018-1AF01	7.5	7.5	110	1N/O
3RT2018-1AF02	7.5	7.5	110	1N/C
3RT2018-1AP01	7.5	7.5	220	1N/O
3RT2018-1AP02	7.5	7.5	220	1N/C



3RT201..-1A...



Mountable accessories (optional)

To be ordered separately	Type	Page
⑥ Auxiliary switch block, front[1]	3RH2911	3/93 ... 3/95
⑦ Auxiliary switch block, lateral	3RH2921	3/97
⑧ Surge suppressors	3RT2916	3/102, 3/103
⑨ Solder pin adapters	3RT1916-4KA1	3/115
⑩ Function module for connection to the control system	3RA271..-1BA00	3/106

Complete reversing contactor assembly

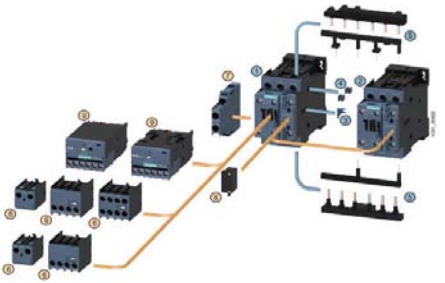
Individual parts	Type		Page
	Q11	Q12	
①② Contactors, 3 kW	3RT2015	3RT2015	3/51, 3/59
①② Contactors, 4 kW	3RT2016	3RT2016	3/51, 3/59
①② Contactors, 5.5 kW	3RT2017	3RT2017	3/51, 3/59
①② Contactors, 7.5 kW	3RT2018	3RT2018	3/51, 3/59
③ ... ⑤ Assembly kit comprising:	3RA2913-2AA1		3/109
③ Mechanical interlock[2]			
④ Two connecting clips for two contactors[2]			
⑤ Wiring modules on the top and bottom for connecting the main current circuits, electrical interlock included[2], interruptible (NC contact interlock)			

SIRIUS Innovations 3RT2 Size S0 Contactor, AC Coil Operation

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V AC	Aux
Operational Current Ie @ 400V AC-3 Duty - 9A SIZE S0				
3RT2023-1AB00	4	4	24	1N/O + 1N/C
3RT2023-1AF00	4	4	110	
3RT2023-1AP00	4	4	220	
3RT2023-1AV00	4	4	400	
Operational Current Ie @ 400V AC-3 Duty - 12A SIZE S0				
3RT2024-1AB00	5.5	7.5	24	1N/O + 1N/C
3RT2024-1AF00	5.5	7.5	110	
3RT2024-1AP00	5.5	7.5	220	
3RT2024-1AV00	5.5	7.5	400	
Operational Current Ie @ 400V AC-3 Duty - 17A SIZE S0				
3RT2025-1AB00	7.5	10	24	1N/O + 1N/C
3RT2025-1AF00	7.5	10	110	
3RT2025-1AP00	7.5	10	220	
3RT2025-1AV00	7.5	10	400	
Operational Current Ie @ 400V AC-3 Duty - 25A SIZE S0				
3RT2026-1AB00	11	11	24	1N/O + 1NC
3RT2026-1AF00	11	11	110	
3RT2026-1AP00	11	11	220	
3RT2026-1AV00	11	11	400	
Operational Current Ie @ 400V AC-3 Duty - 32A SIZE S0				
3RT2027-1AB00	15	18.5	24	1N/O + 1NC
3RT2027-1AF00	15	18.5	110	
3RT2027-1AP00	15	18.5	220	
3RT2027-1AV00	15	18.5	400	
Operational Current Ie @ 400V AC-3 Duty - 38A SIZE S0				
3RT2028-1AB00	18.5	18.5	24	1N/O + 1NC
3RT2028-1AF00	18.5	18.5	110	
3RT2028-1AP00	18.5	18.5	220	
3RT2028-1AV00	18.5	18.5	400	



3RT202..-1A..00



Mountable accessories (optional)

To be ordered separately	Type
Auxiliary switch block, front	3RH2911
Auxiliary switch block, lateral	3RH2921
Surge suppressors	3RT2926
Function module for connection to the control system	3RT271..-1BA00

Complete reversing contactor assembly

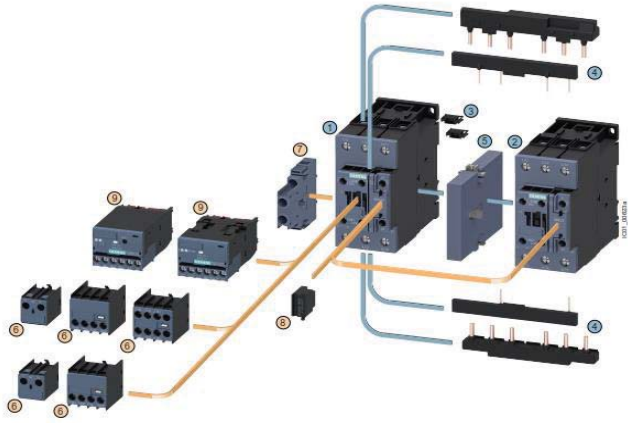
Individual parts	Type Q11	Q12
Contactors, 5.5 kW	3RT2024	3RT2024
Contactors, 7.5 kW	3RT2025	3RT2025
Contactors, 11 kW	3RT2026	3RT2026
Contactors, 15 kW	3RT2027	3RT2027
Contactors, 18.5 kW	3RT2028	3RT2028
Assembly kit comprising:	3RA2923-2AA1	

- Mechanical interlocks[1]
- Two connecting clips for two contactors[1]
- Wiring modules on the top and bottom for connecting the main current circuits, electrical interlock included. (NC contact interlock)

[1] The parts and can only be ordered together as 3RA2922-2H mechanical connectors.

SIRIUS Innovations 3RT2 Size S2 Contactor, AC Coil Operation

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V AC	Aux
Operational Current Ie @ 400V AC-3 Duty - 40A SIZE S2				
3RT2035-1AB00	18.5	22	24	1N/O + 1N/C
3RT2035-1AF00	18.5	22	110	
3RT2035-1AP00	18.5	22	220	
3RT2035-1AV00	18.5	22	400	
Operational Current Ie @ 400V AC-3 Duty - 50A SIZE S2				
3RT2036-1AB00	22	30	24	1N/O + 1N/C
3RT2036-1AF00	22	30	110	
3RT2036-1AP00	22	30	220	
3RT2036-1AV00	22	30	400	
Operational Current Ie @ 400V AC-3 Duty - 65A SIZE S2				
3RT2037-1AB00	30	37	24	1N/O + 1N/C
3RT2037-1AF00	30	37	110	
3RT2037-1AP00	30	37	220	
3RT2037-1AV00	30	37	400	
Operational Current Ie @ 400V AC-3 Duty - 80A SIZE S2				
3RT2038-1AB00	37	37	24	1N/O + 1NC
3RT2038-1AF00	37	37	110	
3RT2038-1AP00	37	37	220	
3RT2038-1AV00	37	37	400	



Anbaubares Zubehör (optional)

Separat zu bestellen	Typ
6 Hilfsschalterblock, frontseitig	3RH2921
7 Hilfsschalterblock, seitlich	3RH2921
8 Überspannungsbegrenzer	3RT2936
9 Funktionsmodul zur Anbindung an die Steuerung	3RA271.-1BA00

Komplette Wendekombination

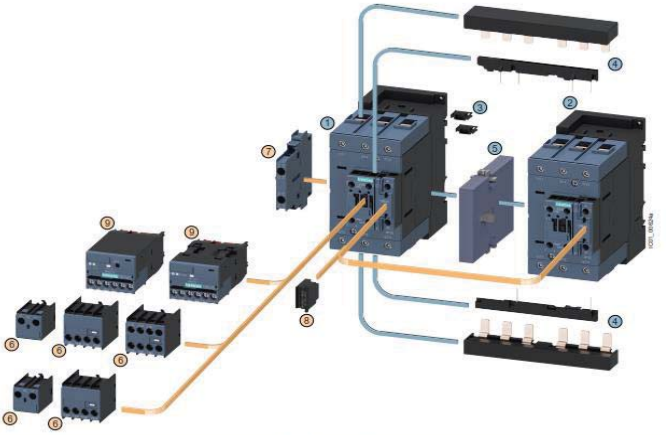
Einzelteile	Typ Q11	Q12
1 2 Schütze, 18,5 kW	3RT2035	3RT2035
1 2 Schütze, 22 kW	3RT2036	3RT2036
1 2 Schütze, 30 kW	3RT2037	3RT2037
1 2 Schütze, 37 kW	3RT2038	3RT2038
3 4 Bausatz bestehend aus:	3RA2933-2AA1	
3 Zwei Verbinder für zwei Schütze		
4 Verdrahtungsbausteine oben und unten zur Verbindung der Haupt- und Hilfsstromkreise mit elektrischer Verriegelung (Öffnerverriegelung)		
5 Mechanische Verriegelung (muss getrennt bestellt werden)	3RA2934-2B	

SIRIUS Innovations 3RT2 Size S2 Contactor, AC Coil Operation

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V AC	Aux
Operational Current Ie @ 400V AC-3 Duty - 80A SIZE S3				
3RT2045-1AB00	37	45	24	1N/O + 1N/C
3RT2045-1AF00	37	45	110	
3RT2045-1AP00	37	45	220	
3RT2045-1AV00	37	45	400	
Operational Current Ie @ 400V AC-3 Duty - 95A SIZE S3				
3RT2046-1AB00	45	55	24	1N/O + 1N/C
3RT2046-1AF00	45	55	110	
3RT2046-1AP00	45	55	220	
3RT2046-1AV00	45	55	400	
Operational Current Ie @ 400V AC-3 Duty - 115A SIZE S3				
3RT2047-1AB00	55	75	24	1N/O + 1N/C
3RT2047-1AF00	55	75	110	
3RT2047-1AP00	55	75	220	
3RT2047-1AV00	55	75	400	

Magnetic coils · AC operation - Size S3 - 3RT203 / 3RT233 / 3RT235...	
3RT2944-5AB01	24V AC 50Hz
3RT2944-5AF01	110V AC 50Hz
3RT2944-5AP01	230V AC 50Hz
3RT2944-5AV01	400V AC 50Hz

Main contact tips - S3 - 3RT204...	
3RT2945-6A	1 set = 3 movable and 6 fixed switching elements
3RT2946-6A	
3RT2947-6A	



Anbaubares Zubehör (optional)

Separat zu bestellen	Typ
(6) Hilfsschalterblock, frontseitig	3RH2911
(7) Hilfsschalterblock, seitlich	3RH2921
(8) Überspannungsbegrenzer	3RT2936
(9) Funktionsmodul zur Anbindung an die Steuerung (Die dazugehörigen Modulverbinder 3RA2711-0EE17 müssen getrennt bestellt werden.)	3RA271.-1BA00

Komplette Wendekombination

Einzelteile	Typ Q11	Q12
(1)(2) Schütze, 37 kW	3RT2045	3RT2045
(1)(2) Schütze, 45 kW	3RT2046	3RT2046
(1)(2) Schütze, 55 kW	3RT2047	3RT2047
(3)(4) Bausatz bestehend aus:	3RA2943-2AA1	
(3) Zwei Verbinder für zwei Schütze		
(4) Verdrahtungsbausteine oben und unten zur Verbindung der Haupt- und Hilfsstromkreise mit elektrischer Verriegelung (Öffnerverriegelung)		
(5) Mechanische Verriegelung (muss getrennt bestellt werden)	3RA2934-2B	

Sirius Classic 3RT1 Size S3 - S6 Contactors

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V AC	Aux
Operational Current Ie @ 400V AC-3 Duty - 65A SIZE S3				
3RT1044-1AB00	30	37	24	No Aux- add 3RH1921-1****
3RT1044-1AF00	30	37	110	
3RT1044-1AP00	30	37	220	
3RT1044-1AV00	30	37	400	
Operational Current Ie @ 400V AC-3 Duty - 80A SIZE S2				
3RT1045-1AB00	37	45	24	No Aux- add 3RH1921-1****
3RT1045-1AF00	37	45	110	
3RT1045-1AP00	37	45	220	
3RT1045-1AV00	37	45	400	
Operational Current Ie @ 400V AC-3 Duty - 95A SIZE S2				
3RT1046-1AB00	45	55	24	No Aux- add 3RH1921-1****
3RT1046-1AF00	45	55	110	
3RT1046-1AP00	45	55	220	
3RT1046-1AV00	45	55	400	
Operational Current Ie @ 400V AC-3 Duty-115A SIZE S6				
3RT1054-1AF36	55	75	110 UC	2NO+2NC
3RT1054-1AP36	55	75	220 UC	
3RT1054-1AV36	55	75	400 UC	
Operational Current Ie @ 400V AC-3 Duty-150A SIZE S6				
3RT1055-6AF36	75	90	110 UC	2NO+2NC
3RT1055-6AP36	75	90	220 UC	
3RT1055-6AV36	75	90	400 UC	
Operational Current Ie @ 400V AC-3 Duty-185A SIZE S6				
3RT1056-6AF36	90	110	110 UC	2NO+2NC
3RT1056-6AP36	90	110	220 UC	
3RT1056-6AV36	90	110	400 UC	
Operational Current Ie @ 400V AC-3 Duty-225A SIZE S10				
3RT1064-6AF36	110	160	110 UC	2NO+2NC
3RT1064-6AP36	110	160	220 UC	
3RT1064-6AV36	110	160	400 UC	
Operational Current Ie @ 400V AC-3 Duty-265A SIZE S10				
3RT1065-6AF36	132	160	110 UC	2NO+2NC
3RT1065-6AP36	132	160	220 UC	
3RT1065-6AV36	132	160	400 UC	
Operational Current Ie @ 400V AC-3 Duty-300A SIZE S10				
3RT1066-6AF36	160	200	110 UC	2NO+2NC
3RT1066-6AP36	160	200	220 UC	
3RT1066-6AV36	160	200	400 UC	


3RT104.-1A.00


3RT105.


3RT106.

Sirius Classic 3RT1 Size S6 - S12 Contactors

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V AC	Aux
Operational Current Ie @ 400V AC-3 Duty-400A SIZE S12				
3RT1075-6AF36	200	250	110 UC	2NO+2NC
3RT1075-6AP36	200	250	220 UC	
3RT1075-6AV36	200	250	400 UC	
Operational Current Ie @ 400V AC-3 Duty-500A SIZE S12				
3RT1076-6AF36	250	355	110 UC	2NO+2NC
3RT1076-6AP36	250	355	220 UC	
3RT1076-6AV36	250	355	400 UC	
Size S14 VACUUM CONTACTORS				
Operational Current Ie @ 400V AC-3 Duty-630A SIZE S14				
3TF6844-0CF7	335	434	110	4NO+4NC
3TF6844-0CP7	335	434	220	
Operational Current Ie @ 400V AC-3 Duty-820A SIZE S14				
3TF6944-0CF7	450	600	110	4NO+4NC
3TF6944-0CP7	450	600	220	
Vacuum 3RT12 Contactors				
Operational Current Ie @ 400V AC-3 Duty-225A SIZE S10				
3RT1264-6AF36	110	160	110 UC	2NO+2NC
3RT1264-6AP36	110	160	220 UC	
3RT1264-6AV36	110	160	400 UC	
Operational Current Ie @ 400V AC-3 Duty-265A SIZE S10				
3RT1265-6AF36	132	160	110 UC	2NO+2NC
3RT1265-6AP36	132	160	220 UC	
3RT1265-6AF36	132	160	400 UC	
Operational Current Ie @ 400V AC-3 Duty-300A SIZE S10				
3RT1266-6AF36	160	200	110	2NO+2NC
3RT1266-6AP36	160	200	220	
3RT1266-6AV36	160	200	400	
Operational Current Ie @ 400V AC-3 Duty-400A SIZE S12				
3RT1275-6AF36	200	250	110	2NO+2NC
3RT1275-6AP36	200	250	220	
3RT1275-6AV36	200	250	400	
Operational Current Ie @ 400V AC-3 Duty-500A SIZE S12				
3RT1276-6AF36	250	355	110	2NO+2NC
3RT1276-6AP36	250	355	220	
3RT1276-6AV36	250	355	400	


3RT107.


3TF68/3TF69


3RT126.


3RT127.

Sirius Classic 3RT1 Size S6 - S12 Contactors - No Coil

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V AC	Aux	
Size S6 without coil (AC & DC CONTROL)					
3RT1054-6LA06	55	75	115A	2NO+2NC	3RT1955...(coil)
3RT1055-6LA06	75	90	150A		
3RT1056-6LA06	90	110	185A		
Size S10 without coil (AC & DC CONTROL)					
3RT1064-6LA06	110	160	225A	2NO+2NC	3RT1965...(coil)
3RT1065-6LA06	132	160	265A		
3RT1066-6LA06	160	200	300A		
Size S12 without coil (AC & DC CONTROL)					
3RT1075-6LA06	200	250	400A	2NO+2NC	3RT1975...(coil)
3RT1076-6LA06	250	355	500A		
Size S10 Vacuum without coil (AC & DC CONTROL)					
3RT1264-6LA06	110	160	225A	2NO+2NC	3RT1966...(coil)
3RT1265-6LA06	132	160	265A		
3RT1266-6LA06	160	200	300A		
Size S12 Vacuum without coil (AC & DC CONTROL)					
3RT1275-6LA06	200	250	400A	2NO+2NC	3RT1975...(coil)
3RT1276-6LA06	250	355	500A		

Coils AC/DC Operation SIZE S6

3RT1955-5AF31	for 3RT105	110 - 127V
3RT1955-5AP31	for 3RT105	220 - 240V
3RT1955-5AV31	for 3RT105	380 - 420V
3RT1955-5AS31	for 3RT105	500 - 550V

Coils AC/DC Operation SIZE S10 - 3RT106

3RT1965-5AF31	for 3RT106	110 - 127V
3RT1965-5AP31	for 3RT106	220 - 240V
3RT1965-5AV31	for 3RT106	380 - 420V
3RT1965-5AS31	for 3RT106	500 - 550V


3RT1955-5A..1

Coils AC/DC Operation SIZE S10 - 3RT126 Vacuum

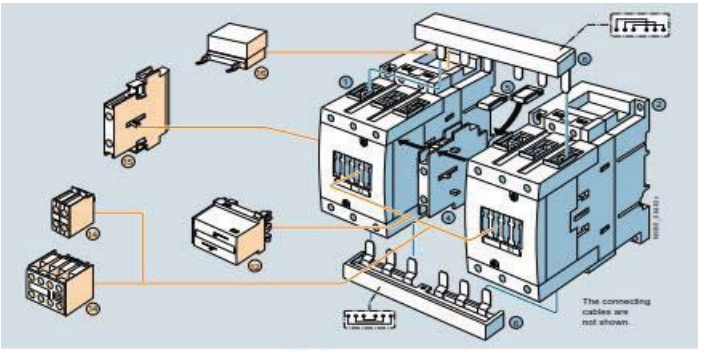
3RT1966-5AF31	for 3RT106	110 - 127V
3RT1966-5AP31	for 3RT106	220 - 240V
3RT1966-5AV31	for 3RT106	380 - 420V
3RT1966-5AS31	for 3RT106	500 - 550V

Coils AC/DC Operation SIZE S12

3RT1975-5AF31	for 3RT107	110 - 127V
3RT1975-5AP31	for 3RT107	220 - 240V
3RT1975-5AV31	for 3RT107	380 - 420V
3RT1975-5AS31	for 3RT107	500 - 550V

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sirius Classic 3RT1 Size S3 - S12 Contactors - Reversing Kit



Mountable accessories (optional)

To be ordered separately		Type	Page
12	Mech. interlock, front	3RA1924-1A	3/130
14	Auxiliary switch block, front	3RH1921	3/122
15	Auxiliary switch block, lateral	3RH1921	3/123
16	Surge suppressors	3RT1926, 3RT1936	3/126

Complete reversing contactor assembly

Individual parts		Type		Page
		G1	Q2	
1 2	Contactors, 30 kW	3RT1044	3RT1044	3/111
1 2	Contactors, 37 kW	3RT1045	3RT1045	3/111
1 2	Contactors, 45 kW	3RT1046	3RT1046	3/111
4	Mechanical interlocks, lateral	3RA1924-2B		3/130
5 6	Assembly kit comprising:	3RA1943-2A		3/126
	5 Two connectors for two contactors with 10 mm distance			
	6 Wiring modules on the top and bottom for connecting the main current paths			

Rated data AC-2 and AC-3 for 50 Hz 400 V AC		Size	Type				
Rating	Operational current I_e		Contactor (see from page 3/111 onwards)	Mechanical interlock (see page 3/130)			Assembly kit (see page 3/128)
				Can be mounted onto the front	Laterally mountable With one auxiliary contact each	Without auxiliary contacts	
kW	A						
30	65	**S3**	3RT1044	3RA1924-1A	3RA1924-2B	–	3RA1943-2A[1]
37	80		3RT1045				
45	95		3RT1046				
55	115	**S6**	3RT1054	–	–	3RA1954-2A	3RA1953-2M[2]
75	150		3RT1055				
90	185		3RT1056				
110	225	**S10**	3RT1064	–	–	3RA1954-2A	3RA1963-2A[2]
132	265		3RT1065				
160	300		3RT1066				
200	400	**S12**	3RT1075	–	–	3RA1954-2A	3RA1973-2A[2]
250	500		3RT1076				

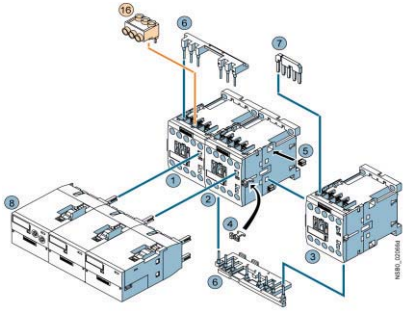
[1] The assembly kit contains: Two connectors for two contactors, as well as wiring modules on the top and bottom, see page 3/128.

[2] The assembly kit contains wiring modules on the top and bottom, see page 3/128.

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sirius Innovations 3RT2 Star - Delta Configuration

Start / Delta S00 individual component slection



Mountable accessories (optional)

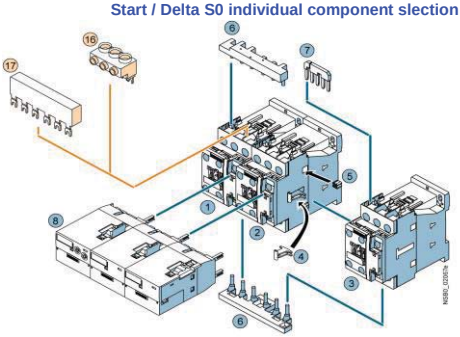
To be ordered separately	Type
(16) Three-phase feeder terminal[1]	3RA2913-3K

[1] Part (16) can only be mounted with contactors with screw terminal.
[2] The version with 1 NO is required for momentary-contact operation.

Complete contactor assembly for wye-delta starting

Individual parts	Type Q11	Q13	Q12
(1)(2)(3) Contactor, 5.5 kW	3RT2015	3RT2015	3RT2015
(1)(2)(3) Contactor, 7.5 kW	3RT2017	3RT2017	3RT2015
(1)(2)(3) Contactor, 11 kW	3RT2018	3RT2018	3RT2016
(4) ... (7) Assembly kit comprising:	3RA2913-2BB1		
(4) Mechanical interlocks			
(5) Four connecting clips for three contactors			
(6) Wiring modules on the top and bottom for connecting the main and auxiliary circuits			
(7) Star jumper			
(8) Function module wye-delta	3RA2816-0EW20		

Start / Delta S0 individual component slection



Mountable accessories (optional)

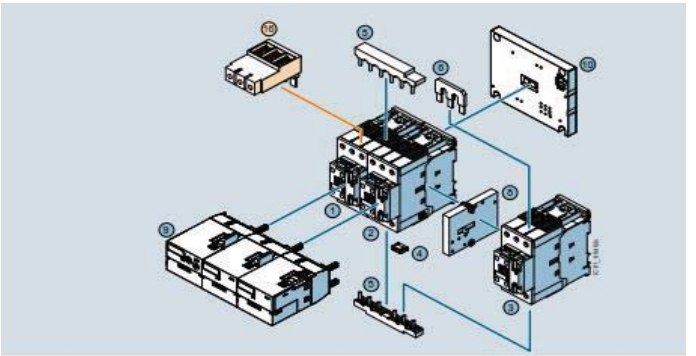
To be ordered separately	Type
(16) Three-phase feeder terminal[1]	3RV2925-5AB
(17) Three-phase busbar[1]	3RV1915-1AB

[1] The parts (16) and (17) can only be mounted with contactors with screw terminal.

Complete contactor assembly for wye-delta starting

Individual parts	Type Q11	Q13	Q12
(1)(2)(3) Contactor, 11 kW	3RT2024	3RT2024	3RT2024
(1)(2)(3) Contactor, 15/18.5 kW	3RT2026	3RT2026	3RT2024
(1)(2)(3) Contactor, 22 kW	3RT2027	3RT2027	3RT2026
(4) ... (7) Assembly kit	3RA2923-2BB1		
The assembly kit contains:			
(4) Mechanical interlocks			
(5) Connecting clips			
(6) Wiring modules on the top and bottom for connecting the main current paths			
(7) Star jumper			
(8) Function module wye-delta	3RA2816-0EW20		

Start / Delta S2 individual component slection



Mountable accessories (optional)

To be ordered separately	Type	Page
⑯ Three-phase infeed terminal[2]	3RV2935-5A	3/88

Complete contactor assembly for star-delta (wye-delta) starting

Individual parts		Type		
		Q11	Q13	Q12
①②③	Contactors, 22/30 kW	3RT2035	3RT2035	3RT2026
①②③	Contactors, 37 kW	3RT2035	3RT2035	3RT2027
①②③	Contactors, 45 kW	3RT2036	3RT2036	3RT2028
①②③	Contactors, 55 kW	3RT2037	3RT2037	3RT2035
④ ... ⑦	Assembly kit S2-S2-S2 comprising:	3RA2933-2BB1		
	④ Four connectors for three contactors (not required for fully pre-wired contactor assemblies for star-delta (wye-delta) starting			
	⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits			
	⑥ Star jumper S2			
	⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)			
⑧	Mechanical interlock	3RA2934-2B		
⑨	Function modules for star-delta (wye-delta) starting	3RA2616-0EW20		
⑩	Base plate star-delta (wye-delta)	3RA2932-2F		

Rated data at 50 Hz 400 V AC			Size	Type	
Rating *P*	Operational current I_e	Motor current		Line/delta contactor	Star contactor
kW	A	A			
55	115	77.6 ... 108.6	**S3-S3-S2**	3RT1044	3RT1035
75	150	120.7 ... 150		3RT1045	3RT1036
90	160	86 ... 160	**S6-S6-S3**	3RT1054	3RT1044
110	195	86 ... 195			
132	230	86 ... 230		3RT1055	3RT1045
160	280	86 ... 280		3RT1056	3RT1046
200	350	95 ... 350	**S10-S10-S6**	3RT1064	3RT1054
250	430	95 ... 430		3RT1065	3RT1055
315	540	277 ... 540	**S12-S12-S10**	3RT1075	3RT1064
355	610	277 ... 610			
400	690	277 ... 690			3RT1065
500	850	277 ... 850		3RT1076	3RT1066

Rating *P*	Accessories for customer assembly					Overload relay, thermal (CLASS 10 trip class) See page 7/112		Overload relay, electronic (CLASS 10 trip class) See page 7/133	
	Timing relays (see page 10/55)	Assembly kit (see page 3/128) For double infeed	For single infeed	Star jumper (see page 3/129)	Base plate (see page 3/132)	Setting range A	Type	Setting range A	Type
kW									
55	3RP2574-1N..30	3RA1943-3C[1]	--	3RT1936-4BA31	3RA1942-2E	45 ... 63	3RU1146-4JB0	25 ... 100	3RB2046-1EB0
75						70 ... 90	3RU1146-4LB0		
90	3RP2574-1N..30	--	3RA1953-3D[2]	3RT1946-4BA31	3RA1952-2E	--	--	50 ... 200	3RB2056-1FC2
110									
132									
160									
200	3RP2574-1N..30	--	--	3RT1956-4BA31	3RA1962-2E	--	--	55 ... 250	3RB2066-1GC2
250								160 ... 630	3RB2066-1MC2
315	3RP2574-1N..30	--	--	3RT1966-4BA31	3RA1972-2E	--	--	160 ... 630	3RB2066-1MC2
355									
400									
500									

Sirius Innovations 3RT2 Size S0 Contactor - DC Coil Operation

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V DC	Aux
Operational Current Ie @ 400V AC-3 Duty - 7A SIZE S00				
3RT2015-1BB41	3	3.5	24	1N/O
3RT2015-1BB42	3	3.5	24	1N/C
3RT2015-1BB41	3	3.5	110	1N/O
3RT2015-1BB42	3	3.5	110	1N/C
3RT2015-1BB41	3	3.5	220	1N/O
3RT2015-1BB42	3	3.5	220	1N/C
Operational Current Ie @ 400V AC-3 Duty - 9A SIZE S00				
3RT2016-1BB41	4	4.5	24	1N/O
3RT2016-1BB42	4	4.5	24	1N/C
3RT2016-1BF41	4	4.5	110	1N/O
3RT2016-1BF42	4	4.5	110	1N/C
3RT2016-1BP41	4	4.5	220	1N/O
3RT2016-1BP42	4	4.5	220	1N/C
Operational Current Ie @ 400V AC-3 Duty - 12A SIZE S00				
3RT2017-1BB41	5.5	5.5	24	1N/O
3RT2017-1BB42	5.5	5.5	24	1N/C
3RT2017-1BF41	5.5	5.5	110	1N/O
3RT2017-1BF42	5.5	5.5	110	1N/C
3RT2017-1BP41	5.5	5.5	220	1N/O
3RT2017-1BP42	5.5	5.5	220	1N/C
Operational Current Ie @ 400V AC-3 Duty - 16A SIZE S00				
3RT2018-1BB41	7.5	7.5	24	1N/O
3RT2018-1BB42	7.5	7.5	24	1N/C
3RT2018-1BF41	7.5	7.5	110	1N/O
3RT2018-1BF42	7.5	7.5	110	1N/C
3RT2018-1BP41	7.5	7.5	220	1N/O
3RT2018-1BP42	7.5	7.5	220	1N/C
Operational Current Ie @ 400V AC-3 Duty - 9A SIZE S0				
3RT2023-1BB40	4	4	24	1N/O + 1N/C
3RT2023-1BF40	4	4	110	
3RT2023-1BM40	4	4	220	
Operational Current Ie @ 400V AC-3 Duty - 12A SIZE S0				
3RT2024-1BB40	5.5	7.5	24	1N/O + 1N/C
3RT2024-1BF40	5.5	7.5	110	
3RT2024-1BM40	5.5	7.5	220	
Operational Current Ie @ 400V AC-3 Duty - 17A SIZE S0				
3RT2025-1BB40	7.5	10	24	1N/O + 1N/C
3RT2025-1BF40	7.5	10	110	
3RT2025-1BM40	7.5	10	220	


3RT201.-1A...


3RT202.-1B.40

Sirius Innovations 3RT2 Size S0 & S2 Contactor - DC Coil Operation Size S3 3RT

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V DC	Aux
Operational Current Ie @ 400V AC-3 Duty - 25A SIZE S0				
3RT2026-1BB40	11	11	24	1N/O + 1NC
3RT2026-1BF40	11	11	110	
3RT2026-1BM40	11	11	220	
Operational Current Ie @ 400V AC-3 Duty - 32A SIZE S0				
3RT2027-1BB40	15	18.5	24	1N/O + 1NC
3RT2027-1BF40	15	18.5	110	
3RT2027-1BM40	15	18.5	220	
Operational Current Ie @ 400V AC-3 Duty - 38A SIZE S0				
3RT2028-1BB40	18.5	18.5	24	1N/O + 1NC
3RT2028-1BF40	18.5	18.5	110	
3RT2028-1BM40	18.5	18.5	220	
Operational Current Ie @ 400V AC-3 Duty - 40A SIZE S2				
3RT2035-1KB40	18.5	22	24	1NO+1NC
Operational Current Ie @ 400V AC-3 Duty - 50A SIZE S2				
3RT2036-1KB40	22	30	24	1NO+1NC
Operational Current Ie @ 400V AC-3 Duty - 65A SIZE S2				
3RT2037-1KB40	30	37	24	1NO+1NC
Operational Current Ie @ 400V AC-3 Duty - 80A SIZE S2				
3RT2038-1KB40	37	37	24	1NO+1NC
Operational Current Ie @ 400V AC-3 Duty-65A SIZE S3				
3RT1044-1BB40	30	37	24	No Aux- add 3RH1921-1****
3RT1044-1BF40	30	37	110	
3RT1044-1BM40	30	37	220	
Operational Current Ie @ 400V AC-3 Duty-80A SIZE S3				
3RT1045-1BB40	37	45	24	No Aux- add 3RH1921-1****
3RT1045-1BF40	37	45	110	
3RT1045-1BM40	37	45	220	
Operational Current Ie @ 400V AC-3 Duty-95A SIZE S3				
3RT1046-1BB40	45	55	24	No Aux- add 3RH1921-1****
3RT1046-1BF40	45	55	110	
3RT1046-1BM40	45	55	220	


3RT202..-1B..40


3RT203..-1KB40


3RT104..-1B..40

Sirius Innovations 3RT2 Contactor - for Special Applications

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil Voltage	Aux
PLC Optimized 3RT2 contactors AC-3 with AC/DC electronic coils. 0.7 ... 1.3 x Us with Integrated Varistor				
3RT2024-1NB30	5.5	7.5	21 - 28	1NO + 1NC
3RT2024-1NF30	5.5	7.5	95 - 130	
3RT2024-1NP30	5.5	7.5	200 - 280	
3RT2025-1NB30	7.5	10	21 - 28	1NO + 1NC
3RT2025-1NF30	7.5	10	95 - 130	
3RT2025-1NP30	7.5	10	200 - 280	
3RT2026-1NB30	11	11	21 - 28	1NO + 1NC
3RT2026-1NF30	11	11	95 - 130	
3RT2026-1NP30	11	11	200 - 280	
3RT2027-1NB30	15	18.5	21 - 28	1NO + 1NC
3RT2027-1NF30	15	18.5	95 - 130	
3RT2027-1NP30	15	18.5	200 - 280	
3RT2028-1NB30	18.5	18.5	21 - 28	1NO + 1NC
3RT2028-1NF30	18.5	18.5	95 - 130	
3RT2028-1NP30	18.5	18.5	200 - 280	


3RT202..-1N.30

3RT23 Contactors for Switching Resistive Loads (AC-1) 4-pole 4N/O

Part Number	Pn @ 400VAC	Ie (A) 40°C/60°C	Control voltage VAC	
3RT2316-1AB00	12	18/16	24	S0 0
3RT2316-1AF00	12	18/16	110	
3RT2316-1AP00	12	18/16	230	
3RT2317-1AB00	14.5	22/20	24	S0 0
3RT2317-1AF00	14.5	22/20	110	
3RT2317-1AP00	14.5	22/20	230	
3RT2325-1AB00	22	35/30	24	S0
3RT2325-1AF00	22	35/30	110	
3RT2325-1AP00	22	35/30	230	
3RT2326-1AB00	26	40/35	24	S0
3RT2326-1AF00	26	40/35	110	
3RT2326-1AP00	26	40/35	230	
3RT2327-1AB00	33	50	24	S0
3RT2327-1AF00	33	50	110	
3RT2327-1AP00	33	50	230	


3RT231..-1A.00

3RT25 Contactors 4-pole 2N/O + 2N/C

Part Number	Pn @ 400VAC	Ie (A) upto 60°C	Control voltage VAC	
3RT2516-1AB00	4	9	24	S0 0
3RT2516-1AF00	4	9	110	
3RT2516-1AP00	4	9	230	
3RT2517-1AB00	5.5	12	24	S0 0
3RT2517-1AF00	5.5	12	110	
3RT2517-1AP00	5.5	12	230	
3RT2525-1AB00	7.5	16	24	S0
3RT2525-1AF00	7.5	16	110	
3RT2525-1AP00	7.5	16	230	
3RT2526-1AB00	11	25	24	S0
3RT2526-1AF00	11	25	110	
3RT2526-1AP00	11	25	230	


3RT251..-1A..00


3RT252..-1A..00

Sirius Innovations 3RT2 Contactor - Accessories

Part Number	Description	Details
Snap-on auxiliary switch blocks S00 ... S3 - EN 50012		
3RH2911-1HA11	Screw terminals, S00/S0	1N/O + 1N/C
3RH2911-1HA22	Screw terminals, S00/S0	2N/O + 2N/C
3RH2911-1HA13	Screw terminals, S00/S0	1N/O + 3N/C
3RH2911-1HA31	Screw terminals, S00/S0	3N/O + 1N/C
Snap-on auxiliary switch blocks S00 ... S3 - EN 50005		
3RH2911-1FA40	Screw terminals, S00/S0	4N/O
3RH2911-1AA10	Screw terminals, S00/S0	1N/O
3RH2911-1AA01	Screw terminals, S00/S0	1N/C
Lateral auxiliary switch blocks S00		
3RH2911-1DA02	Screw terminals, Right or Left	2N/O
3RH2911-1DA11	Screw terminals, Right or Left	1N/O + 1N/C
3RH2911-1DA20	Screw terminals, Right or Left	2N/C
Lateral auxiliary switch blocks S0 ... S3		
3RH2921-1DA02	Screw terminals, Right or Left	2N/O
3RH2921-1DA11	Screw terminals, Right or Left	1N/O + 1N/C
3RH2921-1DA20	Screw terminals, Right or Left	2N/C
Snap-on Solid-state auxiliary switch blocks S00 ... S3 - Dusty Enviroments		
3RH2911-1NF11	Screw terminals, S00 ... S3	1NO + 1NC
3RH2911-1NF20	Screw terminals, S00 ... S3	2NO
3RH2911-1NF02	Screw terminals, S00 ... S3	2NC
Lateral Solid-state auxiliary switch blocks for Dusty Enviroments		
3RH2911-2DE11	S00 Spring-type terminals, Right or Left	1N/O + 1N/C
3RH2921-2DE11	S0 ... S3 Spring-type terminals, Right or Left	1N/O + 1N/C
Surge suppressors without LED for Size S00 3RT2.1 & 3RH2		**With LED available**
3RT2916-1BB00	Varistor, AC 24-48V, DC 24 - 70V	
3RT2916-1BC00	Varistor, AC 48-127V, DC 70 - 150V	
3RT2916-1BD00	Varistor, AC 127-240V, DC 150 - 250V	
3RT2916-1BE00	Varistor, AC 240 - 400V	
3RT2916-1BF00	Varistor, AC 400 - 600V	
3RT2916-1CB00	RC Element, AC 24-48V, DC 24 - 70V	
3RT2916-1CC00	RC Element, AC 48-127V, DC 70 - 150V	
3RT2916-1CD00	RC Element, AC 127-240V, DC 150 - 250V	
3RT2916-1CE00	RC Element, AC 240 - 400V	
3RT2916-1CF00	RC Element, AC 400 - 600V	
3RT2916-1DG00	Noise suppression diode, DC 12 - 250V	
3RT2916-1EH00	Diode assembly (diode & Zener diode), DC 12 - 250V	






3RH2911-1DA02







Sirius Innovations 3RT1 Contactor - Accessories

Part Number	Description	Details
Surge suppressors without LED for Size S0 3RT2.1		With LED available
3RT2926-1BB00	Varistor, AC 24-48V, DC 24 - 70V	
3RT2926-1BC00	Varistor, AC 48-127V, DC 70 - 150V	
3RT2926-1BD00	Varistor, AC 127-240V, DC 150 - 250V	
3RT2926-1BE00	Varistor, AC 240 - 400V	
3RT2926-1BF00	Varistor, AC 400 - 600V	
3RT2926-1CB00	RC Element, AC 24-48V, DC 24 - 70V	
3RT2926-1CC00	RC Element, AC 48-127V, DC 70 - 150V	
3RT2926-1CD00	RC Element, AC 127-240V, DC 150 - 250V	
3RT2926-1CE00	RC Element, AC 240 - 400V	
3RT2926-1CF00	RC Element, AC 400 - 600V	
3RT2926-1ER00	Diode assembly DC 24V	
3RT2926-1ES00	Diode assembly DC 30 - 250V	


3RT2926-1E.00

Surge suppressors without LED for Size S2 & S3 3RT2.1		With LED available
3RT2936-1BB00	Varistor, AC 24-48V, DC 24 - 70V	
3RT2936-1BC00	Varistor, AC 48-127V, DC 70 - 150V	
3RT2936-1BD00	Varistor, AC 127-240V, DC 150 - 250V	
3RT2936-1BE00	Varistor, AC 240 - 400V	
3RT2936-1BF00	Varistor, AC 400 - 600V	
3RT2936-1CB00	RC Element, AC 24-48V, DC 24 - 70V	
3RT2936-1CC00	RC Element, AC 48-127V, DC 70 - 150V	
3RT2936-1CD00	RC Element, AC 127-240V, DC 150 - 250V	
3RT2936-1CE00	RC Element, AC 240 - 400V	
3RT2936-1CF00	RC Element, AC 400 - 600V	
3RT2936-1ER00	Diode assembly DC 24V	
3RT2936-1ES00	Diode assembly DC 30 - 250V	


3RT2936-1B.00

Magnetic coils · AC operation - Size S0 - 3RT2023 / 3RT2024 / 3RT2025...	
3RT2924-5AB01	24V AC 50Hz
3RT2924-5AF01	110V AC 50Hz
3RT2924-5AP01	230V AC 50Hz
3RT2924-5AV01	400V AC 50Hz
Magnetic coils · AC operation - Size S0 - 3RT2026 / 3RT2027 / 3RT2028...	
3RT2926-5AB01	24V AC 50Hz
3RT2926-5AF01	110V AC 50Hz
3RT2926-5AP01	230V AC 50Hz
3RT2926-5AV01	400V AC 50Hz


3RT2924-5A.01

Magnetic coils · AC operation - Size S2 - 3RT203 / 3RT233 / 3RT235...	
3RT2934-5AB01	24V AC 50Hz
3RT2934-5AF01	110V AC 50Hz
3RT2934-5AP01	230V AC 50Hz
3RT2934-5AV01	400V AC 50Hz


3RT2934-5A.01

Main contact tips - S2 - 3RT203...	
3RT2935-6A	1 set = 3 movable and 6 fixed switching elements
3RT2936-6A	
3RT2937-6A	
3RT2938-6A	

Sirius Classic 3RT1 Contactor Accessories

Part Number	Description	Details
Snap-on auxiliary switch blocks S3 - S12		
3RH1921-1FA40	4-pole	4N/O
3RH1921-1FA31	4-pole	3N/O + 1N/C
3RH1921-1FA22	4-pole	2N/O + 2N/C
3RH1921-1FA04	4-pole	4N/C
3RH1921-1LA11	2- pole	1N/O + 1N/C
3RH1921-1CA01	1-pole	1N/C
3RH1921-1CA10	1-pole	1N/O


3RH1921-1HA..
3RH1921-1FA..

Lateral auxiliary switch blocks S3-S12		
3RH1921-1DA11	First laterally mounted,2-P	1N/O + 1N/C
3RH1921-1EA20	First laterally mounted,2-P	2N/O
3RH1921-1EA11	First laterally mounted,2-P	1N/O + 1N/C
3RH1921-1EA02	First laterally mounted,2-P	2N/C


3RH1921-1DA1
3RH1921-1JA1
3RH1921-1EA..
3RH1921-1KA..

Lateral auxiliary switch blocks S3-S12		
3RH1921-1JA11	First laterally mounted,2-P	1N/O + 1N/C
3RH1921-1KA20	First laterally mounted,2-P	2N/O
3RH1921-1KA11	First laterally mounted,2-P	1N/O + 1N/C
3RH1921-1KA02	First laterally mounted,2-P	2N/C

Contacts with fixing parts		
3RT1944-6A	Main contacts sets, 3 movable and 6 fixed contacts	3RT1044
3RT1945-6A		3RT1045
3RT1946-6A		3RT1046
3RT1954-6A		3RT1054.
3RT1955-6A		3RT1055.
3RT1956-6A		3RT1056.
3RT1964-6A		3RT1064
3RT1965-6A		3RT1065.
3RT1966-6A		3RT1066.
3RT1975-6A		3RT1075.
3RT1976-6A		3RT1076.

Coils AC Operation SIZE S2		
3RT1934-5AF01	for 3RT1034	110V
3RT1934-5AP01	for 3RT1034	220V
3RT1934-5AV01	for 3RT1034	400V
3RT1935-5AF01	for 3RT1035/36	110V
3RT1935-5AP01	for 3RT1035/36	220V
3RT1935-5AV01	for 3RT1035/36	400V

Coils AC Operation SIZE S3		
3RT1944-5AF01	for 3RT1044	110V
3RT1944-5AP01	for 3RT1044	220V
3RT1944-5AV01	for 3RT1044	400V
3RT1945-5AF01	for 3RT1045/46	110V
3RT1945-5AP01	for 3RT1045/46	220V
3RT1945-5AV01	for 3RT1045/46	400V

Sirius Innovations 3RH2 Contactor Relays

Part Number	Ie AC-15/AC-14 @ 230V	Contacts Identification	Coil V AC	Aux. Contacts
3RH2140-1AB00	10	40 E	24	4NO
3RH2140-1AF00	10	40 E	110	
3RH2140-1AP00	10	40 E	220	
3RH2131-1AB00	10	31 E	24	3NO + 1NC
3RH2131-1AF00	10	31 E	110	
3RH2131-1AP00	10	31 E	220	
3RH2122-1AB00	10	22 E	24	2NO + 2NC
3RH2122-1AF00	10	22 E	110	
3RH2122-1AP00	10	22 E	220	


3RH2122-1A...0

Part Number	Ie AC-15/AC-14 @ 230V	Contacts Identification	Coil V DC	Aux. Contacts
3RH2140-1BB40	10	40 E	24	4NO
3RH2140-1BF40	10	40 E	110	
3RH2140-1BP40	10	40 E	220	
3RH2131-1BB40	10	31 E	24	3NO + 1NC
3RH2131-1BF40	10	31 E	110	
3RH2131-1BP40	10	31 E	220	
3RH2122-1BB40	10	22 E	24	2NO + 2NC
3RH2122-1BF40	10	22 E	110	
3RH2122-1BP40	10	22 E	220	


3RH2122-1A...0

3RH24 Latches contactor relays, 4-pole

Part Number	Ie AC-15/AC-14 @ 230V	Contacts Identification	Coil V AC	Aux. Contacts
3RH2440-1AB00	10	40 E	24	4NO
3RH2440-1AF00	10	40 E	110	
3RH2440-1AP00	10	40 E	220	
3RH2431-1AB00	10	31 E	24	3NO + 1NC
3RH2431-1AF00	10	31 E	110	
3RH2431-1AP00	10	31 E	220	
3RH2422-1AB00	10	22 E	24	2NO + 2NC
3RH2422-1AF00	10	22 E	110	
3RH2422-1AP00	10	22 E	220	


3RH2122-1A...0

Part Number	Ie AC-15/AC-14 @ 230V	Contacts Identification	Coil V DC	Aux. Contacts
3RH2440-1BB40	10	40 E	24	4NO
3RH2440-1BF40	10	40 E	110	
3RH2440-1BM40	10	40 E	220	
3RH2431-1BB40	10	31 E	24	3NO + 1NC
3RH2431-1BF40	10	31 E	110	
3RH2431-1BM40	10	31 E	220	
3RH2422-1BB40	10	22 E	24	2NO + 2NC
3RH2422-1BF40	10	22 E	110	
3RH2422-1BM40	10	22 E	220	


3RH2422-1A...0

Sirius Innovations 3RH2 Contactor Relays - PLC Opimised

Part Number	Description	Ie AC-15/AC-14 @ 230V	Aux. Contacts
PLC Optimized 3RH2 contactor relay, 0.7 ... 1.25 x Us. Low power consumption coils 2.8W @ 24V DC - screw terminals			
3RH2140-1HB40	10	40 E	10	4N/O
3RH2131-1HB40	10	31 E	10	3N/O + 1N/C
3RH2122-1HB40	10	22 E	10	2N/O + 2N/C
3RH2140-1JB40	Built-in Diode		10	4N/O
3RH2131-1JB40	Built-in Diode		10	3N/O + 1N/C
3RH2122-1JB40	Built-in Diode		10	2N/O + 2N/C
3RH2140-1KB40	Built-in suppression diode		10	4N/O
3RH2131-1KB40	Built-in suppression diode		10	3N/O + 1N/C
3RH2122-1KB40	Built-in suppression diode		10	2N/O + 2N/C


3RH21...-1..B40

PLC Optimized 3RH2 contactor relay, 0.85 ... 1.85 x Us. Low power consumption coils 1.6W @ 24V DC - screw terminals			
3RH2140-1VB40	Built-in Diode	10	4N/O
3RH2131-1VB40	Built-in Diode	10	3N/O + 1N/C
3RH2122-1VB40	Built-in Diode	10	2N/O + 2N/C
3RH2140-1SB40	Built-in suppression diode	10	4N/O
3RH2131-1SB40	Built-in suppression diode	10	3N/O + 1N/C
3RH2122-1SB40	Built-in suppression diode	10	2N/O + 2N/C


3RH21...-1..B40

Snap-on auxiliaries for 3RH2 contactor relays

Part Number	Description	Details
3RH2911-1GA40	Screw terminals, S00	4N/O
3RH2911-1GA31	Screw terminals, S00	3N/O + 1N/C
3RH2911-1GA22	Screw terminals, S00	2N/O + 2N/C
3RH2911-1GA13	Screw terminals, S00	1N/O + 3N/C
3RH2911-1GA04	Screw terminals, S00	4N/C


3RH2911-1GA22

Surge suppressors without LED for Size **S00** 3RT2.1 & 3RH2		With LED available
3RT2916-1BB00	Varistor, AC 24-48V, DC 24 - 70V	
3RT2916-1BC00	Varistor, AC 48-127V, DC 70 - 150V	
3RT2916-1BD00	Varistor, AC 127-240V, DC 150 - 250V	
3RT2916-1BE00	Varistor, AC 240 - 400V	
3RT2916-1BF00	Varistor, AC 400 - 600V	
3RT2916-1CB00	RC Element, AC 24-48V, DC 24 - 70V	
3RT2916-1CC00	RC Element, AC 48-127V, DC 70 - 150V	
3RT2916-1CD00	RC Element, AC 127-240V, DC 150 - 250V	
3RT2916-1CE00	RC Element, AC 240 - 400V	
3RT2916-1CF00	RC Element, AC 400 - 600V	
3RT2916-1DG00	Noise suppression diode, DC 12 - 250V	
3RT2916-1EH00	Diode assembly (diode & Zener diode), DC 12 - 250V	


3RT2916-1B..00

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sirius Classic 3RT1 Contactors

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V AC	Aux
Operational Current Ie @ 400V AC-3 Duty-32A SIZE S2				
3RT1034-1AB00	15	18.5	24	-
3RT1034-1AF00	15	18.5	110	-
3RT1034-1AP00	15	18.5	220	-
Operational Current Ie @ 400V AC-3 Duty-40A SIZE S2				
3RT1035-1AB00	18.5	22	24	-
3RT1035-1AF00	18.5	22	110	-
3RT1035-1AP00	18.5	22	220	-
Operational Current Ie @ 400V AC-3 Duty-50A SIZE S2				
3RT1036-1AB00	22	30	24	-
3RT1036-1AF00	22	30	110	-
3RT1036-1AP00	22	30	220	-


3RT103..-1A..00

Part Number	Pn @ 400VAC	Pn @ 500/ 525VAC	Coil V DC	Aux
Operational Current Ie @ 400V AC-3 Duty-32A SIZE S2				
3RT1034-1BB40	15	18.5	24	-
3RT1034-1BF40	15	18.5	110	-
3RT1034-1BM40	15	18.5	220	-
Operational Current Ie @ 400V AC-3 Duty-40A SIZE S2				
3RT1035-1BB40	18.5	22	24	-
3RT1035-1BF40	18.5	22	110	-
3RT1035-1BM40	18.5	22	220	-
Operational Current Ie @ 400V AC-3 Duty-50A SIZE S2				
3RT1036-1BB40	22	30	24	-
3RT1036-1BF40	22	30	110	-
3RT1036-1BM40	22	30	220	-


3RT101..-1B...

Snap-on auxiliary switch blocks S0-S3		
3RH1921-1FA40	4-pole	4N/O
3RH1921-1FA31	4-pole	3N/O + 1N/C
3RH1921-1FA22	4-pole	2N/O + 2N/C
3RH1921-1FA04	4-pole	4N/C
3RH1921-1LA11	2- pole	1N/O + 1N/C
3RH1921-1CA01	1-pole	1N/C
3RH1921-1CA10	1-pole	1N/O

Lateral auxiliary switch blocks S0-S12		
3RH1921-1DA11	First laterally mounted, 2 - Pole	1N/O + 1N/C
3RH1921-1EA20		2N/O
3RH1921-1EA11		1N/O + 1N/C
3RH1921-1EA02		2N/C


3RH1921-1.A11

Lateral auxiliary switch blocks S3-S12		
3RH1921-1JA11	Second laterally mounted, 2 - Pole	1N/O + 1N/C
3RH1921-1KA20		2N/O
3RH1921-1KA11		1N/O + 1N/C
3RH1921-1KA02		2N/C

Sirius Classic 3RT1 Contactor Accessories

Surge suppressors Size S2 & S3

3RT1936-1CB00	RC element	24-48V(AC) & 24-70V(DC)
3RT1936-1CC00	RC element	48-127V(AC) & 70-150V(DC)
3RT1936-1CD00	RC element	127-240V(AC) & 150-250V(DC)



Contacts Tips

3RT1934-6A	Main contacts for AC-3, fixed and moving	3RT1034
3RT1935-6A		3RT1035
3RT1936-6A		3RT1036

Coils AC Operation SIZE S2

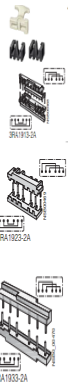
3RT1934-5AF01	for 3RT1034	110V
3RT1934-5AP01	for 3RT1034	220V
3RT1934-5AV01	for 3RT1034	400V
3RT1935-5AF01	for 3RT1035/36	110V
3RT1935-5AP01	for 3RT1035/36	220V
3RT1935-5AV01	for 3RT1035/36	400V

Coils AC Operation SIZE S3

3RT1944-5AF01	for 3RT1044	110V
3RT1944-5AP01	for 3RT1044	220V
3RT1944-5AV01	for 3RT1044	400V
3RT1945-5AF01	for 3RT1045/46	110V
3RT1945-5AP01	for 3RT1045/46	220V
3RT1945-5AV01	for 3RT1045/46	400V

Reversing contactor assembly kits

3RA1924-2B	Mechanical Interlock	S0-S3
3RA1923-2A	**Reversing kit**: 2 connecting clips for contactors, Wiring connectors on top &	S0 - 3RT102…
3RA1933-2A	**Reversing kit**:2 connecting clips for contactors, Wiring connectors	S2 - 3RT103…



Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Soft Starters



SIRIUS Electronic Soft Starters 3RW30, 3RW40, 3RW44

Protection of motors and mechanics, reduced load on the mains

Soft Starting of Three-Phase Motors

SIRIUS soft starters – advantages at a glance

- Soft start and soft stop
- Smooth starting, without steps
- Reduced current peaks
- Avoidance of line voltage fluctuations during start-up
- Reduced load on the power supply system
- Reduced mechanical load in the drive
- Considerable space savings and reduced wiring compared to other starters
- Maintenance-free switching
- Ease of handling
- Perfectly matched with SIRIUS devices for the control cabinet



Note:
These tables present sample set values and device sizes. They are intended only for the purposes of information and are not binding. The set values depend on the application in question and must be optimized during commissioning.
The soft starter dimensions should be checked where necessary with the Win-Soft Starter software or with the help of Technical Assistance.

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Application Examples for Normal Starting (CLASS 10)

Application		Conveyor belt	Roller conveyor	Compressor	Small fans[1]	Pump	Hydraulic pump
Starting parameters							
• Voltage ramp and current limiting							
- Starting voltage	%	70	60	50	40	40	40
- Starting time	s	10	10	10	10	10	10
- Current limit value		5 x I_M	5 x I_M	4 x I_M	4 x I_M	4 x I_M	4 x I_M
Ramp-down time	s	5	5	0	0	10	0

[1] The mass inertia of the fan is <10 times the mass inertia of the motor.

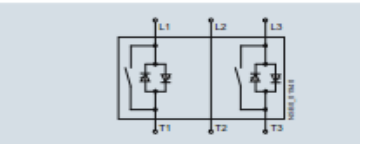
Application Examples for heavy Starting (CLASS 20)

Heavy starting CLASS 20 (up to 40 s with 350 % $I_{n\,motor}$)
The soft starter has to be selected at least one performance class higher than the motor used.

Application		Stirrer	Centrifuge
Starting parameters			
• Voltage ramp and current limiting			
- Starting voltage	%	40	40
- Starting time	s	20	20
- Current limit value		4 x I_M	4 x I_M
Ramp-down time		0	0



Schematic circuit diagram of power electronics



Note:
These tables present sample set values and device sizes. They are intended only for the purposes of information and are not binding. The set values depend on the application in question and must be optimized during commissioning.
The soft starter dimensions should be checked where necessary with the Win-Soft Starter software or with the help of Technical Assistance.

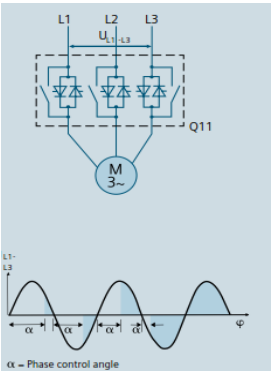
Application Examples for heavy Starting (CLASS 30)

Very heavy starting CLASS 30 (up to 60 s with 350 % $I_{n\,motor}$)
The soft starter has to be selected two performance classes higher than the motor used

Application		Large fans[2]	Mills	Breakers	Circular saws/bandsaws
Starting parameters					
• Voltage ramp and current limiting					
- Starting voltage	%	30	50	50	30
- Starting time	s	60	60	60	60
- Current limit value		4 x I_M	4 x I_M	4 x I_M	4 x I_M
• Torque ramp					
- Starting torque		20	50	50	20
- End torque		150	150	150	150
- Starting time		60	60	60	60
• Breakaway pulse		Deactivated (0 ms)	80 %; 300 ms	80 %; 300 ms	Deactivated (0 ms)
Ramp-down mode		Free ramp-down	Free ramp-down	Free ramp-down	Free ramp-down

[1] The mass inertia of the fan is <10 times the mass inertia of the motor.
[2] The mass inertia of the fan is ≥10 times the mass inertia of the motor.





Note:
These tables present sample set values and device sizes. They are intended only for the purposes of information and are not binding. The set values depe
and must be optimized during commissioning.
The soft starter dimensions s
with the Win-Soft Starter software or with the help of Technical Assistance.

Inline circuit:
Rated current Ie corresponds to the rated motor current In,3 cables to the motor

3RW40 Soft Starters - Standard Application Class 10/20

Part Number	Rated VAC	Rated Ie (A)	kW @ 400v	kW @ 500v	Rated control supply voltage
NB!!!!Note: The overload protection, must be added separately to the 3RW30					
3RW3013-1BB14	200-480 VAC	3.6	1.5		110/230VAC
3RW3014-1BB14		6.5	3		110/230VAC
3RW3016-1BB14		9	4		110/230VAC

3RW40 Softstarters for 3-phase asynchronous motors @ amb temp. 40 ºC - class 10

Soft Starting / stopping
Voltage Ramp
Intergrated bypass contacts
Intrinsic device protection
Motor overload protection
Selectable current limiting
2 controlled phases
Screw terminals

3RW4024-1BB_4	200-480 VAC	12.5	5.5	-
3RW4026-1BB_4		25	11	-
3RW4027-1BB_4		32	15	-
3RW4028-1BB_4		38	18.5	-
3RW4036-1BB_4		45	22	-
3RW4037-1BB_4		63	30	-
3RW4038-1BB_4		72	37	-
3RW4046-1BB_4		80	45	-
3RW4047-1BB_4		106	55	-



Rated control supply voltage	
0	24VAC/DC
1	110/230VAC

3RW4055-6BB_4	200-480 VAC	134	75	-
3RW4056-6BB_4		162	90	-
3RW4073-6BB_4		230	132	-
3RW4074-6BB_4		280	160	-
3RW4075-6BB_4		356	200	-
3RW4076-6BB_4		432	250	-



3RW4055-6BB_5	400-600 VAC	134	75	90
3RW4056-6BB_5		162	90	110
3RW4073-6BB_5		230	132	160
3RW4074-6BB_5		280	160	200
3RW4075-6BB_5		356	200	250
3RW4076-6BB_5		432	250	315

Rated control supply voltage	
3	110VAC
4	230VAC

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

3RW44 Soft Starters - Application Class 10/20/30

Part Number	Rated VAC	Rated Ie (A)	kW @ 400v	kW @ 500v	Rated control supply voltage
Product Features 3RW44 :					

Soft Starting / stopping
Voltage Ramp
Intergrated bypass contacts
Intrinsic device protection
Breakaway Pulse
Pump Stopping
Motor heating

Motor overload protection
Selectable current limiting
3 controlled phases
Programmable I/O
Inside-delta circuit configuration
LCD Display
Heavy duty starting

3RW44 Softstarters for 3-phase asynchronous motors @ ambient temp. 40 °C

3RW4422-1BC_4	200-460	29	15	-
3RW4423-1BC_4		36	18.5	-
3RW4424-1BC_4		47	22	-
3RW4425-1BC_4		57	30	-
3RW4426-1BC_4		77	37	-
3RW4427-1BC_4		93	45	-
3RW4434-6BC_4		113	55	-
3RW4435-6BC_4		134	75	-
3RW4436-6BC_4		162	90	-
3RW4443-6BC_4		203	110	-
3RW4444-6BC_4		250	132	-
3RW4445-6BC_4		313	160	-
3RW4446-6BC_4		356	200	-
3RW4447-6BC_4		432	250	-



Rated control supply voltage	
3	110VAC
4	230VAC



3RW4422-1BC_5	400-600	29	15	18.5
3RW4423-1BC_5		36	18.5	22
3RW4424-1BC_5		47	22	30
3RW4425-1BC_5		57	30	37
3RW4426-1BC_5		77	37	45
3RW4427-1BC_5		93	45	55
3RW4434-6BC_5		113	55	75
3RW4435-6BC_5		134	75	90
3RW4436-6BC_5		162	90	110
3RW4443-6BC_5		203	110	132
3RW4444-6BC_5		250	132	160
3RW4445-6BC_5		313	160	200
3RW4446-6BC_5		356	200	250
3RW4447-6BC_5		432	250	315



Rated control supply voltage	
3	110VAC
4	230VAC

NOTE!!! 3RW44 rated 690VAC, please contact technical support

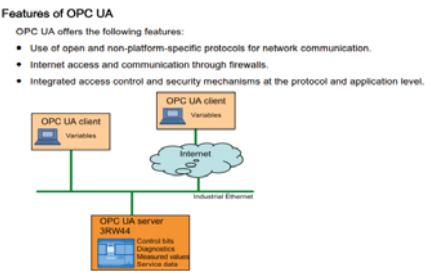
Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

3RW44 Accessories

Part Number	Description
Soft Starter ES 2007 PC communication program	
3ZS1313-4CC10-0YA5	Soft Starter ES 2007 Basic
3ZS1313-5CC10-0YA5	Soft Starter ES 2007 Standard
3ZS1313-6CC10-0YA5	Soft Starter ES 2007 Premium-PROFIBUS/PROFINET
NEW!!!!!!!SIRIUS SOFT STARTER ES V14 SP1	
3ZS1320-4CC10-0YA5	Basic floating license
3ZS1320-5CC10-0YA5	Standard floating license
3ZS1320-6CC10-0YA5	Premium floating license -PROFIBUS/PROFINET
SIRIUS 3RW44 Soft Starter block library for SIMATIC PCS 7	
3ZS1633-1XX00-0YA0	AS modules and faceplates for 3RW44 into the PCS 7 process control system, for PCS 7, version V 6.1/V 7.0
3ZS1633-2XX00-0YB0	Runtime software
PC cables	
3UF7941-0AA00-0	USB, PC/PG communication with SIRIUS 3RW44 soft starters



Communication modules	
3RW4900-0KC00	Optional PROFIBUS communication modules
3RW4900-0NC00	PROFINET communication modules for access to OPC UA





External display and operator module	
3RW4900-0AC00	externally mounted display and operator module,IP54
3UF7933-0BA00-0	Connection cable, length 2.5 m, round



Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Motor feeders with 3RW40 soft starters

Soft starters		Motor starter protectors[1]			
	Nominal current	400 V + 10 %	400 V + 10 %		Rated current
Q11		Q1	Q1	$I_{q\ max}$	
Type	A	Type	Type	kA	A
Type of coordination "1"					
3RW4024	12.5	3RV2021-4AA/ 3RV2011-4AA (in size S00)	3RV2321-4AC/ 3RV2311-4AC (in size S00)	55	16
3RW4026	25	3RV2021-4DA	3RV2321-4DC	55	25
3RW4027	32	3RV2021-4EA	3RV2321-4EC	55	32
3RW4028	38	3RV2021-4FA	3RV2321-4FC	55	40
3RW4036	45	3RV1031-4GA10	3RV1331-4GC10	20	45
3RW4037	63	3RV1041-4JA10	3RV1341-4JC10	20	63
3RW4038	72	3RV1041-4KA10	3RV1341-4KC10	20	75
3RW4046	80	3RV1041-4LA10	3RV1341-4LC10	11	90
3RW4047	106	3RV1041-4MA10	3RV1341-4MC10	11	100
3RW4055	134	3VL3720-2DC36	--	35	200
3RW4056	162	3VL3720-2DC36	--	35	200
3RW4073	230	3VL4731-2DC36	--	65	315
3RW4074	280	3VL4731-2DC36	--	65	315
3RW4075	356	3VL4740-2DC36	--	65	400
3RW4076	432	3VL5750-2DC36	--	65	500

Motor feeders with 3RW44 soft starters

Soft starters		Motor starter protectors[1]	
	Nominal current	440 V +10 %	Rated current
Q11		Q1	
Type	A	Type	A
Type of coordination "1": 3RW4422 ... 3RW4427: I_q = 32 kA; 3RW44			
3RW4422	29	3RV1042-4HA10	50
3RW4423	36	3RV1042-4JA10	63
3RW4424	47	3RV1042-4KA10	75
3RW4425	57	3RV1042-4LA10	90
3RW4426	77	3RV1042-4MA10	100
3RW4427	93	3RV1042-4MA10	100
3RW4434	113	3VL1716-2DD36	160
3RW4435	134	3VL1716-2DD36	160
3RW4436	162	3VL3725-2DC36	250
3RW4443	203	3VL4731-3DC36	315
3RW4444	250	3VL4731-3DC36	315
3RW4445	313	3VL4740-3DC36	400
3RW4446	356	3VL4740-3DC36	400
3RW4447	432	3VL5750-3DC36	500
3RW4453	551	3VL6780-3SB36	800
3RW4454	615	3VL6780-3SB36	800
3RW4455	693	3VL6780-3SB36	800
3RW4456	780	3VL7710-3SB36	1 000
3RW4457	880	3VL7710-3SB36	1 000
3RW4458	970	3VL7712-3SB36	1 250
3RW4465	1 076	3VL7712-3SB36	1 250
3RW4466	1 214	3VL7712-3SB36	1 250

3RW40 Fused version with 3NE1 SITOR fuses

Soft starters		All-range fuses		
	Nominal current		Rated current	Size
Q11 Type	A	F1 Type	A	
Type of coordination "2"[1]: I_q = 65 kA at 600 V + 5 %				
3RW4024	12.5	3NE1814-0	20	000
3RW4026	25	3NE1803-0	35	000
3RW4027	32	3NE1020-2	80	00
3RW4028	38	3NE1020-2	80	00
3RW4036	45	3NE1020-2	80	00
3RW4037	63	3NE1820-0	80	000
3RW4038	72	3NE1820-0	80	000
3RW4046	80	3NE1021-0	100	00
3RW4047	106	3NE1022-0	125	00
3RW4055	134	3NE1227-2	250	1
3RW4056	162	3NE1227-2	250	1
3RW4073	230	3NE1331-2	350	2
3RW4074	280	3NE1333-2	450	2
3RW4075	356	3NE1334-2	500	2
3RW4076	432	3NE1435-2	560	3

3RW44 Fused version with 3NE1 SITOR fuses

Soft starters		All-range fuses	
	Nominal current		Rated current
Q11 Type	A	F1 Type	A
Type of coordination 2[3]: I_q = 65 kA			
3RW4422	29	3NE1020-2	80
3RW4423	36	3NE1020-2	80
3RW4424	47	3NE1021-2	100
3RW4425	57	3NE1022-2	125
3RW4426	77	3NE1022-2	125
3RW4427	93	3NE1224-2	160
3RW4434	113	3NE1225-2	200
3RW4435	134	3NE1227-2	250
3RW4436	162	3NE1227-2	250
3RW4443	203	3NE1230-2	315
3RW4444	250	3NE1331-2	350
3RW4445	313	3NE1333-2	450
3RW4446	356	3NE1334-2	500
3RW4447	432	3NE1435-2	560
3RW4453	551	2 x 3NE1334-2	500
3RW4454	615	2 x 3NE1334-2	500
3RW4455	693	2 x 3NE1334-2	500
3RW4456	780	2 x 3NE1435-2	560
3RW4457	880	2 x 3NE1435-2	560
3RW4458	970	2 x 3NE1435-2	560
3RW4465	1 076	3 x 3NE1334-2	500
3RW4466	1 214	3 x 3NE1435-2	560

Overloads

SIRIUS Innovations 3RU2 Size S00 - S2 Thermal Overloads - Class 10

Part Number	Rated I(A)	Description	Size
S00 - Thermal overload Class 10			
3RU2116-0AB0	0.11 - 0.16	Overload and phase failure protection, 1NO+1NC Aux, Manual and automatic RESET, TEST function, STOP button, Switch position indicator	SIZE S00
3RU2116-0BB0	0.14 - 0.2		
3RU2116-0CB0	0.18 - 0.25		
3RU2116-0DB0	0.22 - 0.32		
3RU2116-0EB0	0.28 - 0.4		
3RU2116-0FB0	0.35 - 0.5		
3RU2116-0GB0	0.45 - 0.63		
3RU2116-0HB0	0.55 - 0.8		
3RU2116-0JB0	0.7 - 1		
3RU2116-0KB0	0.9 - 1.25		
3RU2116-1AB0	1.1 - 1.6		
3RU2116-1BB0	1.4 - 2		
3RU2116-1CB0	1.8 - 2.5		
3RU2116-1DB0	2.2 - 3.2		
3RU2116-1EB0	2.8 - 4		
3RU2116-1FB0	3.5 - 5		
3RU2116-1GB0	4.5 - 6.3		
3RU2116-1HB0	5.5 - 8		
3RU2116-1JB0	7 - 10		
3RU2116-1KB0	9 - 12.5		
3RU2116-4AB0	11 - 16		
S0 - Thermal overload Class 10			
3RU2126-1CB0	1.8 - 2.5	Overload and phase failure protection, 1NO+1NC Aux, Manual and automatic RESET, TEST function, STOP button, Switch position indicator	SIZE S0
3RU2126-1DB0	2.2 - 3.2		
3RU2126-1EB0	2.8 - 4		
3RU2126-1FB0	3.5 - 5		
3RU2126-1GB0	4.5 - 6.3		
3RU2126-1HB0	5.5 -8		
3RU2126-1JB0	7 - 10		
3RU2126-1KB0	9 - 12.5		
3RU2126-4AB0	11 - 16		
3RU2126-4BB0	14 - 20		
3RU2126-4CB0	17 - 22		
3RU2126-4DB0	20 - 25		
3RU2126-4NB0	23 - 28		
3RU2126-4EB0	27 - 32		
3RU2126-4PB0	30 - 36		
3RU2126-4FB0	34 - 40		
S2 - Thermal overload Class 10			
3RU2136-4GB0	36 - 45	Overload and phase failure protection, 1NO+1NC Aux, Manual and automatic RESET, TEST function, STOP button, Switch position indicator	SIZE S2
3RU2136-4HB0	40 - 50		
3RU2136-4QB0	47 - 57		
3RU2136-4JB0	54 - 65		
3RU2136-4KB0	62 - 73		
3RU2136-4RB0	70 - 80		
S3 - Thermal overload Class 10			
3RU2146-4FB0	28 - 40	Overload and phase failure protection, 1NO+1NC Aux, Manual and automatic RESET, TEST function, STOP button, Switch position indicator	SIZE S2
3RU2146-4HB0	36 - 50		
3RU2146-4JB0	45 - 63		
3RU2146-4KB0	57 - 75		
3RU2146-4LB0	70 - 90		
3RU2146-4MB0	80 - 100		









Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

SIRIUS Innovations 3RB30 & 3RB31 Size S00 - S2 Solid State - Class 10 and 3RB2 Up To 630A

Part Number	Rated I(A)	Description	Size	More Options available on request
S00 - Solid-State overload Class 10				
3RB3016-1RB0	0.1 - 0.4	Overload protection, phase failure protection and unbalance protection, 1NO+1NC Aux, Manual and automatic RESET, Internal power supply	SIZE S00	 3RB3016-2.B0
3RB3016-1NB0	0.32 - 1.25			
3RB3016-1PB0	1 - 4			
3RB3016-1SB0	3 - 12			
3RB3016-1TB0	4 - 16			
S0 - Solid-State overload Class 10				
3RB3026-1RB0	0.1 - 0.4	Overload protection, phase failure protection and unbalance protection, 1NO+1NC Aux, Manual and automatic RESET, Internal power supply	SIZE S0	 3RB3026-2.B0
3RB3026-1NB0	0.32 - 1.25			
3RB3026-1PB0	1 - 4			
3RB3026-1SB0	3 - 12			
3RB3026-1QB0	6 - 25			
3RB3026-1VB0	10 - 40			
S2 - Solid-State overload Class 10				
3RB3036-1UB0	12.5 - 50	Overload protection, phase failure protection and unbalance protection, 1NO+1NC Aux, Manual and automatic RESET, Internal power supply	SIZE S2	 3RB3036-2.B0
3RB3036-1WB0	20 - 80			
Direct Mounting onto S2 3RT2 contactor				
3RB3036-1UW1	12.5 - 50	Overload protection, phase failure protection and unbalance protection, 1NO+1NC Aux, Manual and automatic RESET, Internal power supply	SIZE S2	 3RB3036-2.W1
3RB3036-1WW1	20 - 80			
Stand alone installation				
S3 - Solid-State overload Class 10				
3RB3046-1UB0	12.5 - 50	Overload protection, phase failure protection and unbalance protection, 1NO+1NC Aux, Manual and automatic RESET, Internal power supply	SIZE S3	 3RB3046-1.B0
3RB3046-1XB0	32 - 115			
Direct Mounting onto S3 3RT2 contactor	6			
S3 - Solid-State overload Class 10				
3RB2046-1UB0	12.5 - 50	3RB20 electronic overload relays for mounting onto contactors	SIZE S3	 3RB2046-1ED0
3RB2046-1EB0	25 - 100			
3RB2046-1EW1	25 - 100		SIZE S3	
S6 - Solid-State overload Class 10				
3RB2056-1FC2	50-200	3RB20 electronic overload relays for mounting onto contactors	SIZE S6	 3RB2056-1FW2
3RB2056-1FW2	50-200	3RB20 Devices with straight-through transformer, for stand-alone	SIZE S6	
S10 - Solid-State overload Class 10				
3RB2066-1GC2	55 - 250	3RB20 Devices with busbar connection for stand-alone installation	SIZE S10	 3RB2066-1MF2
3RB2066-1MC2	160 - 630	3RB20 Devices with busbar connection for stand-alone	SIZE S10	

3RB22 Electronic Overload. 3RU2/3RB2 Accessories

Part Number	Rated I(A)	Description	Size
EVALUATION MODULE			
3RB2283-4AA1		Monostable, size of conatctor S00-S12	
Current measuring module			
3RB2906-2BG1	0.3 - 3	Devices with straight-through transformer, for stand-alone installation	
3RB2906-2DG1	2.4 - 25		
3RB2906-2JG1	10-100		
3RB2956-2TH2	10 - 100	Devices with busbar connection, for mounting onto contactor and stand-alone installation	
3RB2956-2TG2	20 - 200	Devices with straight-through transformer, for mounting onto contactor and stand-alone installatio	
3RB2906-2JG1	63 - 630	Devices with busbar connection, for mounting onto contactor and stand-alone installation	
Function expansion modules			
3RB2985-2AA0		Analog Basic 1 modules, ouput 4…20mA DC	
3RB2985-2AA1		Analog Basic 1 GF modules, ouput 4…20mA DC	
3RB2985-2AB1		Analog Basic 2 GF modules, ouput 4…20mA DC	
3RB2985-2CA1		Analog Basic 1 modules, with gorund fault detection	
3RB2985-2CB1		Analog Basic 2 GF modules, gorund fault detection	
Connecting Cable			
3RB2987-2B		For connection between evaluation module, Length 0.1 m and current measuring module	
3RB2987-2D		For connection between evaluation module, Length 0.5 m and current measuring module	


3RB2283-4AA1, 3RB2383-4AA1


3RB2906-2BG1, 3RB2906-2DG1


3RB2966-2WH2


3RB2985-2..1


3RB2987-2.

3RU2/3RB3/3RR Accessories

Part Number	Description	Size
3RU2916-3AA01	Base for separate mounting of overload with screw terminals	S00
3RU2926-3AA01		S0
3RU2936-3AA01		S2
3RU2946-3AA01		S3


3RU2916-3AA01

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

SIRIUS Classic 3RU1 Size S00 - S2 Thermal Overloads - Class 10

Part Number	Pn @ 400V 50Hz	Thermal Current Range Setting
	size S2	
3RU1136-1HB0	3	5.5-8
3RU1136-1JB0	4	7-10
3RU1136-1KB0	5.5	9-12.5
3RU1136-4AB0	7.5	11-16
3RU1136-4BB0	7.5	14-20
3RU1136-4DB0	11	18-25
3RU1136-4EB0	15	22-32
3RU1136-4FB0	18.5	28-40
3RU1136-4GB0	22	36-45
3RU1136-4HB0	22	40-50


3RU1136-..B0

Adapter for installing as asingle unit : 3RU Thermal Overloads


3RU19.6-3AA01

3RU1936-3AA01	**Separate mounting unit - 3RU1136**	**S2**
3RU1946-3AA01	**Separate mounting unit - 3RU1146**	**S3**

S2 - Thermal overload Class 10

3RU1146-4HB0	36 - 50	Overload and phase failure protection, 1NO+1NC Aux, Manual and automatic RESET, TEST function, STOP button, Switch position indicator	**SIZE S3**
3RU1146-4JB0	45 - 63		
3RU1146-4KB0	57 - 75		
3RU1146-4LB0	70 - 90		
3RU1146-4MB0	80 - 100		


3RU1146-..B0

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Simocode

SIMOCODE Pro 3UF7 Motor Management and Control Devices

Part Number	Description		Width mm
SIMOCODE Pro			
3UF7020-1AB01-0	SIMOCODE **Pro S** basic unit, 24 V DC		
3UF7020-1AU01-0	SIMOCODE **Pro S** basic unit, 110 ... 240 V AC/DC		
3UF7010-1AB00-0	SIMOCODE **Pro V PB**, basic unit 2, 24 V DC		
3UF7010-1AU00-0	SIMOCODE **Pro V PB**, basic unit 2, 110 ... 240 V AC/DC		
3UF7011-1AB00-0	SIMOCODE **Pro V PN**, basic unit 2, 24 V DC		
3UF7011-1AU00-0	SIMOCODE **Pro V PN**, basic unit 2, 110 ... 240 V AC/DC		
3UF7012-1AB00-0	SIMOCODE **Pro V MB RTU**, basic unit 2, 24 V DC		
3UF7012-1AU00-0	SIMOCODE **Pro V MB RTU** , basic unit 2, 110 ... 240 V AC/DC		
Current measuring modules			
3UF7100-1AA00-0	0.3 ... 3		45
3UF7101-1AA00-0	2.4 ... 25		45
3UF7102-1AA00-0	10 ... 100		55
3UF7103-1AA00-0	20 ... 200		120
3UF7103-1BA00-0	20 ... 200	Busbar	120
3UF7104-1BA00-0	63 ... 630	Busbar	145
Current/Voltage measuring modules			
3UF7110-1AA00-0	0.3 ... 3		45
3UF7111-1AA00-0	2.4 ... 25		45
3UF7112-1AA00-0	10 ... 100		55
3UF7113-1AA00-0	20 ... 200		120
3UF7113-1BA00-0	20 ... 200	Busbar	120
3UF7114-1BA00-0	63 ... 630	Busbar	145
Operator Panels			
3UF7200-1AA00-0	BASIC PERATOR PANEL; 10 LEDS FOR STATUS DISPLAY AND 5 USER-ASSIGNABLE KEYS FOR MANUAL CONTROL		
3UF7200-1AA01-0	BASIC PERATOR PANEL (Titanium gray); 10 LEDS FOR STATUS DISPLAY AND 5 USER-ASSIGNABLE KEYS FOR MANUAL CONTROL		
3UF7210-1AA00-0	Operator panel with display for SIMOCODE pro V, 7 LEDs for status indication and user-assignable buttons for controlling the motor, multilingual display		












NEW !!!!!! SIMOCODE Pro 3UF7 with New Measuring Modules and Associated Basic Units

Notes*



Use Case 1: The measuring modules 2. generation and an older version of the basic units. In this case they behave compatible to the current/voltage measuring modules V1 and can replace these in existing installations. Compatibility mode*

Use Case 2: With a measuring module 2. generation, a new version of the basic unit and an unchanged hardware parameterization (SIMOCODE ES parameterization still shows current/voltage measuring modules 1. generation) Compatibility mode*

Compatibility mode means:
The overload tripping curve remain similar to the current/voltage measuring modules 1. generation.
The measuring accuracies are similar to the current/voltage measuring modules 1. generation.
The float values in the measurement data set are not supported (value = 0).

Part Number	Description		
SIMOCODE Pro Basic Units			
3UF7010-1AB00-0-Z B01	SIMOCODE **Pro V PB** (*E15*) 24 V DC		
3UF7010-1AU00-0-Z B01	SIMOCODE **Pro V PB** (*E15*) 110....240 V AC/DC		
3UF7011-1AB00-0	SIMOCODE **Pro V PN**, (*E10*) 24 V DC		
3UF7011-1AU00-0	SIMOCODE **Pro V PN**, (*E10*) 110 ... 240 V AC/DC		
3UF7013-1AB00-0	SIMOCODE **Pro V EIP**, (*E01*) 24 V DC		
3UF7013-1AU00-0	SIMOCODE **Pro V EIP**, (*E01*) 110 ... 240 V AC/DC		
Current and voltage measuring modules GEN. 2 **improvement of measuring accuracy			
3UF7110-1AA01-0	0.3 ... 4		A
3UF7111-1AA01-0	2.4 ... 40		A
3UF7112-1AA01-0	10 ... 115		A
3UF7113-1AA01-0	20 ... 200		A
3UF7113-1BA01-0	20 ... 200	Busbar	A
3UF7114-1BA01-0	63 ... 630	Busbar	A
Operator panels			
3UF7200-1AA01-0	BASIC PERATOR PANEL (Titanium gray); 10 LEDS FOR STATUS DISPLAY AND 5 USER-ASSIGNABLE KEYS FOR MANUAL CONTROL		
3UF7210-1AA01-0	Operator panel with display for SIMOCODE pro V, 7 LEDs for status indication and user-assignable buttons for controlling the motor, multilingual display		

















SIMOCODE TIA Portal V14

3ZS1322-4CC12-0YA5	SIRIUS; SIMOCODE **ES V14 BASIC** FLOATING LICENSE F.ONE USER COMBO LICENSE FOR PARALLEL USE
3ZS1322-5CC12-0YA5	SIRIUS; SIMOCODE **ES V14 STANDARD** FLOATING LICENSE F.ONE USER COMBO LICENSE FOR PARALLEL USE OF SIMOCODE ES 2007
3ZS1322-6CC12-0YA5	SIRIUS; SIMOCODE **ES V14 PREMIUM** FLOATING LICENSE F.ONE USER COMBO LICENSE FOR PARALLEL USE OF SIMOCODE ES 2007

SIMOCODE Pro 3UF7 Motor Management and Control Devices

Expansion Modules

Digital Modules

4 binary inputs & 2 relay outputs, up to 2 DM's can be connected per basic unit 2.



3UF7300-1AB00-0	Monostable	24V DC
3UF7300-1AU00-0	Monostable	110 … 240V DC/AC

Analog Modules

2 inputs (passive) for input & 1 output 0/4 … 20mA signals. Max. 1 analog module cab be connected per basic unit 2.

3UF7400-1AA00-0

Ground Fault Modules



I input for connecting a 3UL22 summation current transformer (see page ?), up to 1 ground fault module can be connected per basic unit 2.

3UF7510-1AA00-0 (Only for use with 3UL23 Cummation CT's)

Temperature Modules

3 inputs for connecting up to 3 analog temp sensors (PT100, PT1000, KTY84, KTY85 or NTC's, up to 1 temp module can be connected per basic unit 2.

3UF7700-1AA00-0

Decoupling Modules



For connecting upstream from a current/voltage measuring module on the system interface when using voltage detection in non-grounded networks.

3UF7150-1AA00-0

Multifunction modules for Pro S



4 I/P & 2 RELAY O/P; RESIDUAL CURRENT DETECTION WITH 3UL23; TEMPERATURE SENSOR PT100/PT1000/KTY/NTC

3UF7600-1AB01-0	24 V DC
3UF7600-1AU01-0	110 ... 240 V AC/DC

DM-F Local fail-safe digital modules

FAIL-SAFE DIGITAL MODULE DM-F LOCAL; FOR FAIL-SAFE SWITCH-OFF VIA HARDWARE SIGNAL; UV: 24 V DC, 2 RELAY ENABLING CIRCUITS; 2 RELAY OUTPUTS; SAFETY FUNCTION CAN BE SELECTED VIA DIL SWITCH; MAX. ERR. SIL (IEC 61508): 3; MAX. ERR. PL (ISO 13849-1): E;

3UF7320-1AB00-0	24 V DC
3UF7320-1AU00-0	110 ... 240 V AC/DC

DM-F PROFIsafe fail-safe digital modules



FAIL-SAFE DIGITAL MODULE DM-F LOCAL; FOR FAIL-SAFE SWITCH-OFF PROFIBUS/PROFIsafe or PROFINET/PROFIsafe; UV: 24 V DC, 2 RELAY ENABLING CIRCUITS; 2 RELAY OUTPUTS; SAFETY FUNCTION CAN BE SELECTED VIA DIL SWITCH; MAX. ERR. SIL (IEC 61508): 3; MAX. ERR. PL (ISO 13849-1): E;

3UF7330-1AB00-0	24 V DC
3UF7330-1AU00-0	110 ... 240 V AC/DC

SIMOCODE Pro 3UF7 Motor Management and Control Devices

Connection cables (essential accessory)

In different lengths for connecting basic unit, current, current/voltage measuring module, operator panel or expansion modules

Part Number	Length
3UF7930-0AA00-0	0.025m (flat)

Only suitable for connecting basic unit 2 to it's expansion modules or for connecting expansion modules to each other; only when the front plates finish at the same height.



3UF7931-0AA00-0	0.1m (flat)
3UF7935-0AA00-0	0.3m (flat)
3UF7932-0AA00-0	0.5m (flat)
3UF7932-0BA00-0	0.5m (round)
3UF7937-0BA00-0	1.0m (round)
3UF7933-0BA00-0	2.5m (round)



PC cables

3UF7941-0AA00-0	USB PC Programming cable



Memory Module

3UF7900-0AA01-0

MEMORY MODULE, FOF
PARAMETERIZING OF SIMOCODE PRO
W/O PC/PG



3UF7900-0AA00-0

MEMORY MODULE, FOF
PARAMETERIZING OF SIMOCODE PRO
W/O PC/PG



Addressing Plug

3UF7910-0AA00-0

For assigning the PROFIBUS address without a PC/PG
on SIMOCODE pro through the system interface



Door Adaptor

3UF7920-0AA00-0

For external connection of the system interface
outside , for example, a control cabinet



Adaptors for Operator Panels

3UF7922-0AA00-0

The adaptor enables the smaller 3UF720 operator panel from SIMOCODE pro to be used in a front panel cutout in which previously, e.g. after a change of system, a larger **3UF52** operator panel from SIMOCODE-DP had been used. **IP54**



Additional Current Transformers

3UF1868-3GA00	205 ... 820A

For mounting onto contactors and stand-alone installations
See technical data for wiring diagram



SIMOCODE Pro 3UF7 Motor Management and Control Devices

Part Number	Rated Fault Current A	Width mm	Rec Motor Sizes
Summation Current Transformer - 3UL23 only as spares to be used with 3UF7510…. Earth fault module			
3UL2302-1A	30mA to 40A	35	upto 85A
3UL2303-1A	30mA to 40A	55	upto 150A
3UL2304-1A	30mA to 40A	80	upto 225A
3UL2305-1A	30mA to 40A	110	upto 400A
3UL2306-1A	30mA to 40A	140	upto 500A
3UL2307-1A	30mA to 40A	210	upto 630A



New- only use with 3UF7510 …

Accessories for motor control center

3UF7902-0AA00-0	INITIALIZATION MODULE FOR AUTOM. PARAMETERIZATION OF SIMCODE
3UF7931-0CA00-0	Y CONNECTION CABLE 0.1M / 1.0M
3UF7932-0CA00-0	Y CONNECTION CABLE 0.5M / 1.0M
3UF7937-0CA00-0	Y CONNECTION CABLE 1.0M / 1.0M



Bus connection terminals for Pro S

3UF7960-0AA00-0

BUS TERMINAL FOR CONNECTING A PROFIBUS CABLE TO A SIMOCODE PRO S



SIMOCODE ES Software

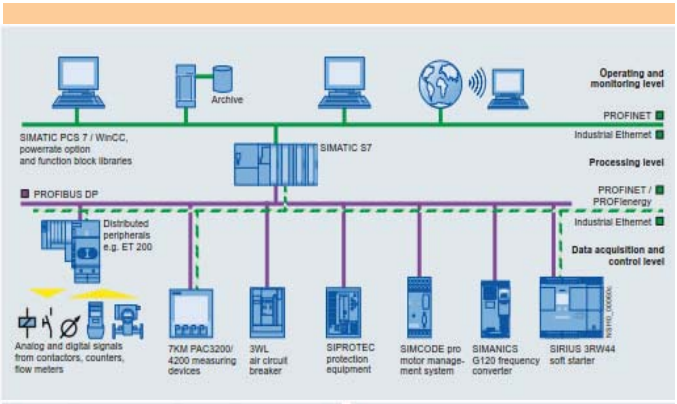
3ZS1312-4CC10-0YA5	SIMOCODE ES 2007 Basic Floating License for one user - License key on USB stick, Class A
3ZS1312-5CC10-0YA5	SIMOCODE ES 2007 Standard Floating License for one user - License key on USB stick, Class A
3ZS1312-6CC10-0YA5	SIMOCODE ES 2007 Premium Floating License for one user - License key on USB stick, Class A

SIMOCODE TIA Portal V14

3ZS1322-4CC12-0YA5	SIRIUS; SIMOCODE **ES V14 BASIC** FLOATING LICENSE F.ONE USER COMBO LICENSE FOR PARALLEL USE OF SIMOCODE ES 2007
3ZS1322-5CC12-0YA5	SIRIUS; SIMOCODE **ES V14 STANDARD** FLOATING LICENSE F.ONE USER COMBO LICENSE FOR PARALLEL USE OF SIMOCODE ES 2007
3ZS1322-6CC12-0YA5	SIRIUS; SIMOCODE **ES V14 PREMIUM** FLOATING LICENSE F.ONE USER COMBO LICENSE FOR PARALLEL USE OF SIMOCODE ES 2007

Power
Monitoring

Sentron PAC 3200 Power Monitoring Device Accessories







Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Sentron PAC 3200 and 4200 Power Monitoring Device Accessories

PAC 3100

Part Number	Aux	Main	Connections
7KM3133-0BA00-3AA0	110-220v	Up to 480v	Screw



PAC 3200

Part Number	Aux	Main	Connections
7KM2112-0BA00-3AA0	110-220V	Up to 690v	Screw
7KM2111-1BA00-3AA0	22-65V DC	Up to 500v	Screw
7KM2112-0BA00-2AA0	110-220V	Up to 690v	Ring lug



PAC4200

Part Number	Aux	Main	Connections
With Harmonic Measurement			
7KM4212-0BA00-3AA0	110-220v	Up to 690v	Screw
7KM4211-1BA00-3AA0	22-65V DC	Up to 500v	Screw
7KM4212-0BA00-2AA0	110-220V	Up to 690v	Ring lug





Note:
Onboard Ethernet Port as standard



Sentron PAC 3200 Power Monitoring Device Accessories

Plug In Communication Modules

Part Number		
7KM9300-0AB01-0AA0	Profibus Module	Modules
7KM9300-0AM00-0AA0	Modbus Module	
7KM9300-0AE01-0AA0	Profinet Module	





7KM9300-0AE01-0AA0

3KC ATC5300 transfer control devices

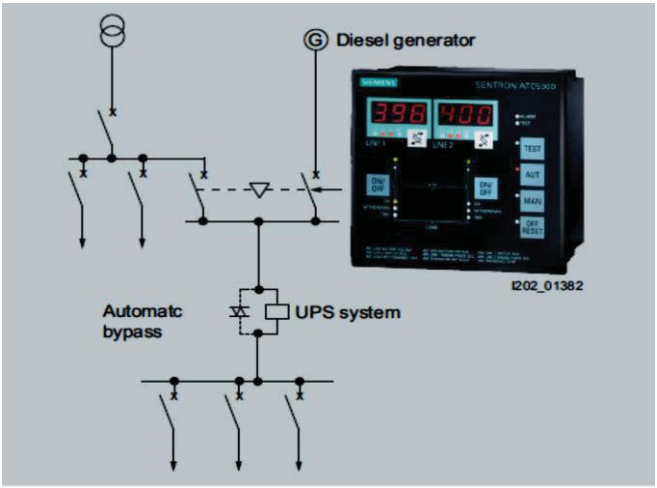
Part Number	Description
3KC9000-8TL30	ATC5300 transfer control devices
3KC9000-8TL70	ATC5300 software



3KC9000-8TL30



3KC9000-8TL70



Application

Configuration examples of AS-Interface networks with CM AS-i Master ST for SIMATIC ET 200SP

Configuration of AS-Interface networks under a SIMATIC ET 200SP

NEW!!!!!! AS-i SlimLine Compact Module

Part Number	Description

AS-i SlimLine Compact modules Digital





3RK2200-0CE00-2AA2	A/B slave, 4I, 2-wire 17.5mm
3RK2200-2CE00-2AA2	A/B slave, 4I, 3-wire 22.5mm
3RK2100-1CE00-2AA2	A/B slave, 4O, 2A solid-state 22.5mm
3RK2402-2ME00-2AA2	A/B slave,4I/2O, 3-wire,Relay CO contacts, 22.5mm
3RK2402-2CE00-2AA2	A/B slave,4I/4O, 3-wire,Relay CO contacts, 22.5mm
3RK2400-2CE00-2AA2	Standard slave,4I/4O, 3-wire,2A solid state 22.5mm

AS-i Analog SlimLine Compact modules

3RK1207-0CE00-2AA2	4 inputs Voltage/ current selectable
3RK1207-3CE00-2AA2	4 inputs Thermal resistance
3RK1107-0BE00-2AA2	2 outputs Voltage/ current selectable

ASISafe SlimLine Compact modules



3RK1205-0BE00-2AA2	2 safe inputs, For mechanical contacts, 17.5mm
3RK1405-2BE00-2AA2	2 safe inputs/2 semiconductor outputs 17.5mm

Device connectors



3RK1901-1YA00	for 17.5 mm modules
3RK1901-1YA10	for 22.5 mm modules
3RK1901-1YA01	termination connector, 17.5mm
3RK1901-1YA11	termination connector, 22.5mm



Actuator Sensor Interface

Part Number	Description
Masters for the SIMATIC Spec V3.0	
3RK7243-2AA30-0XB0	CM 1243-2 for S7-1200 AS-i
6GK7343-2AH11-0XA0	CP 343-2P for S7-300 and ET 200M
3RK7137-6SA00-0BC1	CM AS-i Master ST for ET 200SP





Routers (Gateways) Spec V3.0	
6GK1415-2BA10	DP/AS-i LINK Advanced, single master
6GK1415-2BA20	DP/AS-i LINK Advanced, double master
6GK1415-2AA10	DP/AS-Interface Link 20E
6GK1411-2AB10	IE/AS-i LINK PN IO, single master
6GK1411-2AB20	IE/AS-i LINK PN IO, double master





AS-i power supply units, w. intergr. Ground fault detect	
3RX9501-0BA00	3A, 120/230 V AC (selectable)
3RX9502-0BA00	5A, 120/230 V AC (selectable)
3RX9503-0BA00	8A, 120/230 ... 500 V AC(selectable)



AS-Interface shaped cables yellow	
3RX9010-0AA00	rubber, 100m roll
3RX9012-0AA00	rubber, 1km roll
3RX9013-0AA00	TPE, 100m roll
3RX9014-0AA00	TPE, 1km roll



AS-Interface shaped cables black 24VDC	
3RX9020-0AA00	rubber, 100m roll
3RX9022-0AA00	rubber, 1km roll
3RX9023-0AA00	TPE, 100m roll
3RX9024-0AA00	TPE, 1km roll

Cable terminating pieces	
3RK1901-1MN00	For sealing of open cable ends,IP67



Actuator Sensor Interface

Part Number	Description
SlimLine S22.5 modules Inputs: PNP transistor w-22.5mm	
3RK1200-0CE00-0AA2	4I,Standard, 2-wire
3RK1200-0CE02-0AA2	4I,Standard, 2and3 -wire
3RK2200-0CE02-0AA2	4I,A/B, 2and3 -wire
3RK1400-0BE00-0AA2	2I/2 O standard, 2-wire, 2A
3RK1402-0BE00-0AA2	2I/2O standard, 2-wire, 2A relay
3RK1100-1CE00-0AA2	4O standard, 2-wire, 2A



SlimLine S45 modules: Inputs: PNP transistor w-45mm	
3RK1400-1CE00-0AA2	4I/4O,Standard, 2-wire, 1A
3RK1400-1CE01-0AA2	4I/4O,Standard, 2and3 -wire, 2A
3RK1402-3CE00-0AA2	4I/4O,Standard, 2and3 -wire,relays
3RK2400-1CE01-0AA2	4I/4O,A/B 2and3 -wire, 2A



SlavesI/O modules for use in the control cabinet	
3RK1400-0CE00-0AA3	4 inputs/4 outputs 200 mA for all I/Os



Modules with special functions	
3RK1200-0CE03-0AA2	Counter modules
3RK1408-8KE00-0AA2	Ground-fault detection modules
3RK1901-1GA01	Overvoltage protection modules





6GK1210-0SA01	For cable extension, incl mounting plate
3RK1901-1MX02	AS-Interface extension plugs compact
3RK1901-1MX01	AS-Interface extension plugs plus
3RX9801-0AA00	AS-Interface M12 feeders, max 2A
3RK1901-1NR10	AS-Interface M12 feeders, 4A







3RK1904-2AB02	AS-Interface addressing unit V 3.0



Actuator Sensor Interface

Part Number	Description
AS-Interface: Slaves IP67	
K60 digital module Digital I/O modules, IP67 - K60	
3RK1200-0DQ00-0AA3	8 I, Standard, Y-II pin assign
3RK1400-1CQ00-0AA3	4I/4O, 2 A, Standard,
3RK2400-1DQ00-0AA3	4I/4O, 2 A, A/B
3RK2400-1FQ03-0AA3	4I/4O, 2 A, A/B
3RK2400-1FQ03-0AA3	4I/3O, 2 A, A/B, Y-II
3RK1400-1MQ00-0AA3	4I/2O, 2 A, Standard, Y-II
3RK1400-1DQ02-0AA3	2x2I/2x2 O, 1A, Standard
3RK1100-1CQ00-0AA3	4O, 2 A, Standard, Y-II
3RK2100-1CQ00-0AA3	4O, 2 A, A/B, Y-II
K60 mounting plates	
3RK1901-0CA00	Wall mounting
3RK1901-0CB01	Standard rail mounting
Digital I/O modules, IP67 - K45	
3RK2200-0DQ20-0AA3	8I, A/B, Y
3RK1200-0CQ20-0AA3	4I, Standard
3RK2200-0CQ20-0AA3	4I, A/B
3RK1400-1BQ20-0AA3	2I/2O, 2 A, Standard,
3RK1400-0GQ20-0AA3	2 x (1 I/1 O), 0.2 A, Standard
3RK2400-1GQ20-1AA3	4 x (1 I/1 O), 0.5 A, A/B
3RK2100-1CQ20-0AA3	4O, 1A,A/B
3RK1100-1CQ20-0AA3	4O, 1A,Standard
K45 mounting plates	
3RK1901-2EA00	Wall mounting
3RK1901-2DA00	Standard rail mounting
Analog I/O modules, IP67 – K60	
3RK1207-1BQ40-0AA3	2AI, current 4-20 mA or +- 20 mA
3RK1207-1BQ44-0AA3	4AI, current 4-20 mA or +- 20 mA
3RK1207-2BQ40-0AA3	2AI, voltage +/- 10V or 1-5 V
3RK1207-2BQ44-0AA3	4AI, voltage +/- 10V or 1-5 V
3RK1207-3BQ40-0AA3	2AI, Pt 100 orNi 100 or0 ... 600ohms
3RK1207-3BQ44-0AA3	4AI, Pt 100 orNi 100 or0 ... 600ohms
3RK1107-1BQ40-0AA3	2AO, current 4-20 mA or +- 20 mA
3RK1107-2BQ40-0AA3	2AO, voltage +/- 10V or 1-5 V
3RK2207-1BQ50-0AA3	2AI, current 4-20 mA or +- 20 mA,A/B
3RK2207-2BQ50-0AA3	2AI, voltage +/- 10V or 1-5 V, A/B







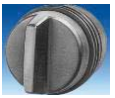




Actuator Sensor Interface Accesssories

Part Number	Description
3RK1901-1KA00	AS-i M12 sealing caps, pack of 10
3RK1901-1KA01	AS-I M12 sealing caps, tamper-proof
3RK1901-1NN10	AS-I compact distributors, max 8A
3RK1901-1NR04	AS-I M12 feeders, 4-fold, max 4A
3RK1901-1NR11	M12 cable box
3RK1902-0AR00	Sealing sets,For mounting plate K60

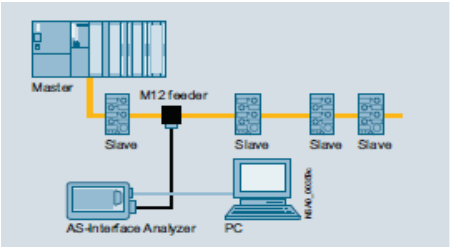






Analyzer	
3RK1904-3AB01	AS-Interface analyzers For troubleshooting and service assignments in installations and networks with AS-Interface systems





As-i Safety Technology

Part Number	Description
ASIsafe Solution Local, Central units	
3RK3121-1AC00	3RK3 ASIsafe basic, 1/2 safe inputs
3RK3122-1AC00	3RK3 ASIsafe extended,2/4 safe inputs
3RK3131-1AC10	3RK3 Advanced



Expansion modules	
3RK3211-1AA10	4/8 F-DI
3RK3221-1AA10	F-RO
3RK3231-1AA10	2/4 F-DI 2F-DO
3RK3251-1AA10	4/8 F-RO
3RK3242-1AA10	4 F-DO
3RK3321-1AA10	8 DI
3RK3311-1AA10	8 DO



Interface modules	
3RK3511-1BA10	DP interface
3RK3611-3AA00	Operating and monitoring module





AS-Interface safety monitors	
3RK1105-1AE04-0CA0	Basic safety monitors, One enabling cct
3RK1105-1BE04-0CA0	Basic safety monitors, two enabling cct
3RK1105-1AE04-2CA0	Expanded safety monitors One enabling ct
3RK1105-1BE04-2CA0	Expanded safety monitors two enabling circuit
3RK1105-1BE04-4CA0	Expanded safety monitors with integrated safe slave



3RK1802-2FB06-0GA1	ASIMON V3 configuration software on CD ROM, for PC
3RK1901-5AA00	Cable sets



Part Number	Description
AS-Interface safety modules IP67	
3RK1205-0BQ30-0AA3	2 F-DI, K45F
3RK1205-0BQ00-0AA3	2 F-DI, K45F
3RK1205-0CQ00-0AA3	4 F-DI, K45F
3RK1405-1BQ20-0AA3	2 F-DI/2 DO, K45F
S22.5F SlimLine safety modules	
3RK1205-0BE00-0AA2	2 F-DI
3RK1405-1BE00-0AA2	2 F-DI/2 DO
S45F SlimLine safety modules	
3RK1405-1SE15-0AA2	1F-RO/3DI/2DO
AS-Interface F adapters for EMERGENCY-STOP devices	
3SF5402-1AB03	2I/1O, with output for LED control









AS-i pushbutton stations

NOTE!!!
Customized pushbutton stations can be configure on:
Industry Mall: www.siemens.co.za/mall







Relays

SIRIUS Relays - 3RN & 3RP2

Part Number	Description	Contacts	Voltage
PTC Thermistor Relays			
3RN1000-1AM00	1 Sensor with Auto reset	1C/O	230V AC
3RN1010-1CB00	1 Sensor with Auto reset	1NO+1NC	24V UC
3RN1010-1CG00	1 Sensor with Auto reset	1NO+1NC	110V AC
3RN1010-1CM00	1 Sensor with Auto reset	1NO+1NC	230V AC
3RN1011-1CK00	1 Sensor with Man / remote reset	1NO+1NC	110/230VAC
3RN1012-1CK00	1 Sensor with Man / auto / remote reset	1NO+1NC	110/230VAC
3RN1062-1CW00	6 Sensors with Man / auto / remote reset	1NO+1NC	24-240V UC
Time Relays			
3RP2505-1AW30	Multifunctional timing relay, 13 functions, 15 time settings	1C/O	12 ... 240 AC/DC
3RP2505-1BT20	Multifunctional timing relay, 13 functions, 15 time settings	2C/O	400 ... 440 VAC
3RP2505-1BW30	Multifunctional timing relay, 13 functions, 15 time settings	2C/O	12 ... 240 AC/DC
3RP2511-1AW30	ON-Delay, 0.5 - 10s	1C/O	12 ... 240 AC/DC
3RP2512-1AW30	ON-Delay, 1.5 - 30s	1C/O	AC/DC
3RP2513-1AW30	ON-Delay, 5 - 100s	1C/O	AC/DC
3RP2525-1AW30	ON-Delay, 0.05 s ... 100 h	1C/O	AC/DC
3RP2525-1BW30	ON-Delay, 0.05 s ... 100 h	2C/O	AC/DC
3RP2527-1EW30	ON-Delay, Electronic delayed, 2 wire design, 4 time settings	1N/O	12 ... 240 AC/DC
3RP2540-1BB30	OFF-delay, without control signal, non-volatile, passing make contact	2C/O	12 ... 240 AC/DC
3RP2555-1AW30	clock-pulse relay, flashing, asymmetrica	1C/O	12 ... 240 AC/DC
3RP2560-1SW30	Star-delta function with overtravel function (idling), 1 - 20 s	1N/O	12 ... 240 AC/DC
3RP2574-1NW30	Star-delta function, 1 - 20 s	1N/O	12 ... 240 AC/DC
3RP2576-1NW30	Star-delta function, 3 - 60 s	1N/O	12 ... 240 AC/DC







SIRIUS Relays & Plug-In Relays With Bases

Part Number	Description	Contacts	Voltage
Temperature Monitoring Relays			
3RS1040-1GW50	One Sensor type - PT100/1000; KTY83/84; NTC	-50 ... +500 °C	24-240V AC/DC
3RS1041-1GW50	Three Sensors type - PT100/1000; KTY83/84; NTC	-50 ... +500 °C	24-240V AC/DC
Plug-in Relays - PT Range			
LZX:PT270024	8 Pin Industrial Relay	2C/O	24V DC
LZX:PT370024	11 Pin Industrial Relay	3C/O	24V DC
LZX:PT570024	14 Pin Industrial Relay	4C/O	24V DC
LZX:PT270615	8 Pin Industrial Relay	2C/O	115V AC
LZX:PT370615	11 Pin Industrial Relay	3C/O	115V AC
LZX:PT570615	14 Pin Industrial Relay	4C/O	115V AC
LZX:PT270730	8 Pin Industrial Relay	2C/O	230V AC
LZX:PT370730	11 Pin Industrial Relay	3C/O	230V AC
LZX:PT570730	14 Pin Industrial Relay	4C/O	230V AC
Plug-in Relays - PT Range Base			
LZS:PT78720	8 Pin Industrial Relay Base	For 2C/O	-
LZS:PT78730	11 Pin Industrial Relay Base	For 3C/O	-
LZS:PT78740	14 Pin Industrial Relay Base	For 4C/O	-
LZS:PT17024	Fixing/ejecting bracket	-	-
LZS:PTML0730	LED Module	-	110 - 230V AC
LZS:PTML0524	LED Module	-	24V AC/DC
Plug-in Relays - MT Range			
LZX:MT323024	11 Pin Industrial Relay with LED	3C/O	24V DC
LZX:MT328115	11 Pin Industrial Relay with LED	3C/O	115V AC
LZX:MT328230	11 Pin Industrial Relay with LED	3C/O	230V AC
Plug-in Relays - MT Range Base			
LZS:MT78750	Base for MT relay	-	-
LZS:MT28800	Fixing Bracket	-	-
Print Relays - RT Range			
LZX:RT424024	8 pin print relay	2C/O	24V DC
LZX:RT424615	8 pin print relay	2C/O	115V AC
LZX:RT314730	8 pin print relay	1C/O	230V AC
LZS:RT78725	RT Relay Base	-	-





LZX:PT370024



LZS:PT17024











Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

NEW!!!! Slimline Simirel Relays

Part Number	Description	Contacts	Voltage
Coupling Relays			
3RQ3018-1AB00	Output coupler Relay coupler, 6.2mm	1C/O	24V AC/DC
3RQ3018-1AE00	Output coupler Relay coupler, 6.2mm	1C/O	115V AC/DC
3RQ3018-1AF00	Output coupler Relay coupler, 6.2mm	1C/O	220V AC/DC
3RQ3038-1AB00	Input coupler Relay coupler, 6.2mm	1C/O	24V AC/DC
3RQ3038-1AE00	Input coupler Relay coupler, 6.2mm	1C/O	115V AC/DC
3RQ3038-1AF00	Input coupler Relay coupler, 6.2mm	1C/O	220V AC/DC



Plug-in Coupling Relays complete			
3RQ3118-1AB00	Output coupler with plug-in relay 6.2 mm	1C/O	24V AC/DC
3RQ3118-1AE00	Output coupler with plug-in relay 6.2 mm	1C/O	115V AC/DC
3RQ3118-1AF00	Output coupler with plug-in relay 6.2 mm	1C/O	220V AC/DC



Coupling Relays			
3RS1800-1BW00	Coupling relay, industrial	2C/O	24-240V AC/DC
3RS1800-1HW00	Coupling relay, industrial	3C/O	24-240V AC/DC



Coupling Relays			
3RS1800-1BW00	Coupling relay, industrial	2C/O	24-240V AC/DC
3RS1800-1HW00	Coupling relay, industrial	3C/O	24-240V AC/DC

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

SIRIUS Relays - Monitoring

Part Number	Description	Contacts	Voltage
Line Monitoring Relays - Phase monitoring relay			
3UG4511-1AN20	Phase sequence monitoring relay - 3 phase	1C/O	160 - 260 VAC
3UG4511-1BN20	Phase sequence monitoring relay - 3 phase	2C/O	160 - 260 VAC
3UG4511-1AP20	Phase sequence monitoring relay - 3 phase	1C/O	360 - 520 VAC
3UG4511-1BP20	Phase sequence monitoring relay - 3 phase	2C/O	360 - 520 VAC
3UG4511-1AQ20	Phase sequence monitoring relay - 3 phase	1C/O	420 - 690 VAC
3UG4511-1BQ20	Phase sequence monitoring relay - 3 phase	2C/O	420 - 690 VAC
Line Monitoring Relays - Phase monitoring, failure and unbalance relay			
3UG4512-1BR20	Phase failure and unbalance relay - 3 phase	2C/O	160 - 690 VAC
3UG4513-1BR20	Phase failure, unbalance & undervoltage relay - 3 phase	2C/O	160 - 690 VAC
Line Monitoring Relays - Digitally adjustable			
3UG4615-1CR20	Phase failure, unbalance, undervoltage & overvoltage relay - 3 phase	2C/O	160 - 690 VAC
3UG4616-1CR20	Phase failure, unbalance, undervoltage & overvoltage relay - 3 phase + N	2C/O	160 - 690 VAC
Current Monitoring Relays - Digitally adjustable			
3UG4622-1AW30	0.1 - 10A AC/DC, Overshoot & undershoot monitoring. ON & spike delay 0.1 - 20s, 1C/O contact.		24 - 240 VAC/DC
3UG4625-1CW30	DIGITAL MONITORING RELAY FOR FAULT CURRENT MONITORING **(W. CURRENT TRANSFORMER 3UL23)** SETTING RANGE 0.03A TO 40A STARTUP AND TRIPPING DELAY 0.1 TO 20S SWITCH-OFF HYSTERESIS UP TO 50% ALARM HYSTERESIS 5% FIXED WIDTH 22.5 MM, 2 CO CONTACTS W. OR W/O ERROR LOG SCREW TERMINAL		24 .. 240 VAC/DC











Add 3UL23...



SIRIUS Safety Relays

Part Number	Description	Voltage
Standard basic units		
3SK1111-1AB30	RELAY ENABLING CIRCUITS 3 NO CONTACTS + RELAY SIGNALING CIRCUIT 1NC	**24VDC**
3SK1111-1AW20	RELAY ENABLING CIRCUITS 3 NO CONTACTS + RELAY SIGNALING CIRCUIT 1NC	**110-240 DC/AC**
3SK1112-1BB40	ELECTRONIC OUTPUTS 2 ENABLING CIRCUITS + 1 SIGNALING CIRCUIT	**24VDC**



Advanced basic units		
3SK1121-1AB40	RELAY ENABLING CIRCUITS 3 NO CONTACTS + RELAY SIGNALING CIRCUIT 1 NC	**24VDC**
3SK1121-1CB41	TIME DELAY 0.05-3S RELAY ENABLING CIRCUITS 2 INSTANTANEOUS NO CONTACTS 2 DELAYED NO CONTACTS	**24VDC**

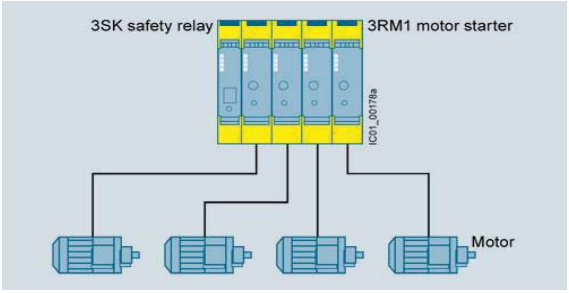


Input expansions		
3SK1220-1AB40	FOR ONE ADDITIONAL 2-CHANNEL OR TWO 1-CHANNEL SENSORS	**24VDC**
3SK1230-1AW20	POWERSUPPLY FOR 3SK1 ADVANCED SERIES US = 115 - 230 V AC/DC	



Output expansions		
3SK1211-1BB00	4 RELAY ENABLING CIRCUITS 4 NO CONTACTS	**24VDC**
3SK1211-1BW20	4 RELAY ENABLING CIRCUITS 4 NO CONTACTS	**110-240 DC/AC**





Conversion tool e.g. from 3TK28 to 3SK, see http://www.siemens.com/sirius/conversion-tool

3SU
Pushbutton
& Lights

SIRIUS ACT - 3SU 22mm Metal Range
Complete Units

Part Number Old 3SB3	New 3SU	Description	
3SB3602-0AA11	3SU1150-0AB10-1BA0	Flat Pushbutton, 1NO, Black	
3SB3603-0AA21	3SU1150-0AB20-1CA0	Flat Pushbutton, 1NC, Red	
3SB3602-0AA31	3SU1150-0AB30-1BA0	Flat Pushbutton, 1NO, Yellow	
3SB3602-0AA41	3SU1150-0AB40-1BA0	Flat Pushbutton, 1NO, Green	
3SB3602-2KA11	3SU1150-2BF60-1BA0	2-pos Selector switch, Black, maitained contact, 1NO	
3SB3601-2KA11	3SU1150-2BF60-1MA0	2-pos Selector switch, Black, maitained contact, 1NO+1NC	
3SB3610-2DA11	3SU1150-2BL60-1NA0	3-pos Selector switch, Black, maitained contact, 1NO+1NO	
3SB3603-1HA20	3SU1150-1HB20-1CG0	40mm Mushroom E-stop, Twist-to-release, 1N/C	
3SB3644-6BA20	3SU1152-6AA20-1AA0	Indicator light, 24V AC/DC, Red	
3SB3644-6BA30	3SU1152-6AA30-1AA0	Indicator light, 24V AC/DC, Yellow	
3SB3644-6BA40	3SU1152-6AA40-1AA0	Indicator light, 24V AC/DC, Green	
3SB3648-6BA20	3SU1153-6AA20-1AA0	Indicator light, 110V AC, Red	
3SB3648-6BA30	3SU1153-6AA30-1AA0	Indicator light, 110V AC, Yellow	
3SB3648-6BA40	3SU1153-6AA40-1AA0	Indicator light, 110V AC, Green	
3SB3648-6BA60	3SU1153-6AA60-1AA0	Indicator light, 110V AC, White	
3SB3652-6BA20	3SU1156-6AA20-1AA0	Indicator light,230V AC, Red	
3SB3652-6BA30	3SU1156-6AA30-1AA0	Indicator light,230V AC, Yellow	
3SB3652-6BA40	3SU1156-6AA40-1AA0	Indicator light,230V AC, Green	
3SB3652-6BA50	3SU1156-6AA50-1AA0	Indicator light,230V AC, Blue	

Individual Components - Seperate Holder needed

3SB3500-0AA11	3SU1050-0AB10-0AA0	Flat Pushbutton, Black	
3SB3500-0AA21	3SU1050-0AB20-0AA0	Flat Pushbutton, Red	
3SB3500-0AA31	3SU1050-0AB30-0AA0	Flat Pushbutton, Yellow	
3SB3500-0AA41	3SU1050-0AB40-0AA0	Flat Pushbutton, Green	
3SB3500-0AA51	3SU1050-0AB50-0AA0	Flat Pushbutton, Blue	
3SB3500-0AA71	3SU1050-0AB70-0AA0	Flat Pushbutton, Clear	
3SB3500-2KA11	3SU1052-2BF60-0AA0	2-pos Selector switch, Black, maitained contact, 1NO	
3SB3500-2KA11	3SU1052-2BF60-0AA0	2-pos Selector switch, Black, maitained contact, 1NO+1NC	
3SB3500-2DA11	3SU1052-2BL60-0AA0	3-pos Selector switch, Black, maitained contact, 1NO+1NO	
3SB3500-1HA20	3SU1051-1HB20-0AA0	40mm Mushroom E-stop, Red, Twist-to-release, can be illuminated	

All seperate Actuators need a holder (3SU1550-0AA10-0AA0)

3SU1550-0AA10-0AA0	Holders without module, Metal for 3 Modules	

3SU1400-1AA10-1BA0	Aux Contacts for 3SU, 1NO	
3SU1400-1AA10-1CA0	Aux Contacts for 3SU, 1NC	
3SU1400-1AA10-1FA0	Aux Contacts for 3SU, 1NO+1NC	

More Options on below website

http://www.siemens.com/sirius-act

Technical Assistance :
Web | http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

SIRIUS ACT - 3SU 22mm Metal Range

Part Number		Description	Contacts
Individual Components			
Old 3SB3	New 3SU		
3SB3501-6BA20	3SU1051-6AA20-0AA0	Indicator light, Red	
3SB3501-6BA30	3SU1051-6AA30-0AA0	Indicator light, Yellow	
3SB3501-6BA40	3SU1051-6AA40-0AA0	Indicator light, Green	
3SB3501-6BA50	3SU1051-6AA50-0AA0	Indicator light, Blue	
3SB3501-6AA20	3SU1051-6AA20-0AA0	Indicator light, Red	
3SB3501-6AA30	3SU1051-6AA30-0AA0	Indicator light, Yellow	
3SB3501-6AA40	3SU1051-6AA40-0AA0	Indicator light, Green	
3SB3501-0AA21	3SU1051-0AB20-0AA0	Illuminated Flat Pushbutton, Red	
3SB3501-0AA31	3SU1051-0AB30-0AA0	Illuminated Flat Pushbutton, Yellow	
3SB3501-0AA41	3SU1051-0AB40-0AA0	Illuminated Flat Pushbutton, Green	
3SB3501-0AA51	3SU1051-0AB50-0AA0	Illuminated Flat Pushbutton, Blue	
	All seperate Actuators need a holder (3SU1550-0AA10-0AA0)		
3SU1550-0AA10-0AA0	Holders without module, Metal for 3 Modules		
3SU1400-1AA10-1BA0	Aux Contacts for 3SU, 1NO		
3SU1400-1AA10-1CA0	Aux Contacts for 3SU, 1NC		
3SU1400-1AA10-1FA0	Aux Contacts for 3SU, 1NO+1NC		
3SU1401-1BB00-1AA0	LED modules for 3SU, 24V DC, Amber		
3SU1401-1BB20-1AA0	LED modules for 3SU, 24V DC, Red		
3SU1401-1BB30-1AA0	LED modules for 3SU, 24V DC, Yellow		
3SU1401-1BB40-1AA0	LED modules for 3SU, 24V DC, Green		
3SU1401-1BB50-1AA0	LED modules for 3SU, 24V DC, Blue		
3SU1401-1BB60-1AA0	LED modules for 3SU, 24V DC, White		
3SU1401-1BC00-1AA0	LED modules for 3SU, 110V AC, Amber		
3SU1401-1BC20-1AA0	LED modules for 3SU, 110V AC, Red		
3SU1401-1BC30-1AA0	LED modules for 3SU, 110V AC, Yellow		
3SU1401-1BC40-1AA0	LED modules for 3SU, 110V AC, Green		
3SU1401-1BC50-1AA0	LED modules for 3SU, 110V AC, Blue		
3SU1401-1BC60-1AA0	LED modules for 3SU, 110V AC, White		
3SU1401-1BF00-1AA0	LED modules for 3SU, 230V AC, Amber		
3SU1401-1BF20-1AA0	LED modules for 3SU, 230V AC, Red		
3SU1401-1BF30-1AA0	LED modules for 3SU, 230V AC, Yellow		
3SU1401-1BF40-1AA0	LED modules for 3SU, 230V AC, Green		
3SU1401-1BF50-1AA0	LED modules for 3SU, 230V AC, Blue		
3SU1401-1BF60-1AA0	LED modules for 3SU, 230V AC, White		
3SB3922-0AV	3SU1900-0AG10-0AA0	Label holders for labeling plates 12.5x27mm	
3SB3923-0AV	3SU1900-0AT10-0AA0	Label holders for labeling plates 27x27mm	
3SB3925-0AV	3SU1900-0AS10-0AA0	Label holders for labeling plates 17.5x27mm	
3SB3902-1AA	3SU1900-0AC16-0AA0	Blank Labeling plate 12.5mm x 27mm	
3SB1906-2AA	3SU1900-0AE81-0AA0	Blank Labeling plate 27mm x 27mm	
3SU1900-0AD81-0AA0		Blank Labeling plate 17.5mm x 27mm	













More Options on below website

http://www.siemens.com/sirius-act

Technical Assistance :

Web | http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

SIRIUS ACT - 3SU 22mm Plastic Range

Part Number Old 3SB3	New 3SU	Description
3SB3001-0AA21	3SU1001-0AB20-0AA0	Illuminated Flat Pushbutton
3SB3001-0AA31	3SU1001-0AB30-0AA0	Illuminated Flat Pushbutton
3SB3001-0AA41	3SU1001-0AB40-0AA0	Illuminated Flat Pushbutton
3SB3001-0AA51	3SU1001-0AB50-0AA0	Illuminated Flat Pushbutton
3SB3001-0AA61	3SU1001-0AB60-0AA0	Illuminated Flat Pushbutton
3SB3000-0AA71	3SU1000-0AB70-0AA0	Illuminated Flat Pushbutton
3SB3000-4AD11	3SU1000-4BF11-0AA0	Ronis Key Switch, 2-pos, key removal O+I, Maintained
3SB3000-4MD01	3SU1000-5BC01-0AA0	CES Key Switch, 2-pos, SSG10 key removal O, Momentary
3SB3100-8AC21	3SU1000-3AB42-0AK0	Flat Twin pushbuttons, Green / Red
3SB3101-8BC21	3SU1001-3AB42-0AK0	Illuminated Twin pushbuttons, Green / Red







All seperate Actuators need a holder (3SU1500-0AA10-0AA0)

3SU1500-0AA10-0AA0	Holders without module, Plastic for 3 Modules



3SU1400-1AA10-1BA0	Aux Contacts for 3SU, 1NO
3SU1400-1AA10-1CA0	Aux Contacts for 3SU, 1NC
3SU1400-1AA10-1FA0	Aux Contacts for 3SU, 1NO+1NC



3SU1401-1BB00-1AA0	LED modules for 3SU, 24V DC, Amber
3SU1401-1BB20-1AA0	LED modules for 3SU, 24V DC, Red
3SU1401-1BB30-1AA0	LED modules for 3SU, 24V DC, Yellow
3SU1401-1BB40-1AA0	LED modules for 3SU, 24V DC, Green
3SU1401-1BB50-1AA0	LED modules for 3SU, 24V DC, Blue
3SU1401-1BB60-1AA0	LED modules for 3SU, 24V DC, White
3SU1401-1BC00-1AA0	LED modules for 3SU, 110V AC, Amber
3SU1401-1BC20-1AA0	LED modules for 3SU, 110V AC, Red
3SU1401-1BC30-1AA0	LED modules for 3SU, 110V AC, Yellow
3SU1401-1BC40-1AA0	LED modules for 3SU, 110V AC, Green
3SU1401-1BC50-1AA0	LED modules for 3SU, 110V AC, Blue
3SU1401-1BC60-1AA0	LED modules for 3SU, 110V AC, White
3SU1401-1BF00-1AA0	LED modules for 3SU, 230V AC, Amber
3SU1401-1BF20-1AA0	LED modules for 3SU, 230V AC, Red
3SU1401-1BF30-1AA0	LED modules for 3SU, 230V AC, Yellow
3SU1401-1BF40-1AA0	LED modules for 3SU, 230V AC, Green
3SU1401-1BF50-1AA0	LED modules for 3SU, 230V AC, Blue
3SU1401-1BF60-1AA0	LED modules for 3SU, 230V AC, White



More Options on below website

http://www.siemens.com/sirius-act

Technical Assistance :

Web | http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

SIRIUS ACT - 3SU 22mm Plastic Range, Individual Components

Part Number Old 3SB3	New 3SU	Description
3SB3000-0AA11	3SU1000-0AB10-0AA0	Flat Pushbutton, Black
3SB3000-0AA21	3SU1000-0AB20-0AA0	Flat Pushbutton, Red
3SB3000-0AA31	3SU1000-0AB30-0AA0	Flat Pushbutton, Yellow
3SB3000-0AA41	3SU1000-0AB40-0AA0	Flat Pushbutton, Green
3SB3000-0AA51	3SU1000-0AB50-0AA0	Flat Pushbutton, Blue
3SB3000-0AA71	3SU1000-0AB70-0AA0	Flat Pushbutton, Clear
3SB3000-2KA11	3SU1002-2BF60-0AA0	2-pos Selector switch, Black with white strip
3SB3000-2DA11	3SU1002-2BL60-0AA0	3-pos, Selector switch, maintained, Black with white strip
3SB3000-2EA11	3SU1002-2BM60-0AA0	3-pos, Selector switch, momentary, Black with white strip
3SB3000-1HA20	3SU1001-1HB20-0AA0	40mm Mushroom E-stop, Red, Twist-to-release, can be illuminated
3SB3000-1KA20	3SU1000-1HR20-0AA0	40mm Mushroom E-stop, Red, Twist-to-release (CES Lock)
3SB3001-6BA20	3SU1001-6AA20-0AA0	Indicator light, Red
3SB3001-6BA30	3SU1001-6AA30-0AA0	Indicator light, Yellow
3SB3001-6BA40	3SU1001-6AA40-0AA0	Indicator light, Green
3SB3001-6BA50	3SU1001-6AA50-0AA0	Indicator light, Blue
3SB3001-6BA60	3SU1001-6AA60-0AA0	Indicator light, White
3SB3001-6AA20	3SU1001-6AA20-0AA0	Indicator light, Red
3SB3001-6AA30	3SU1001-6AA30-0AA0	Indicator light, Yellow
3SB3001-6AA40	3SU1001-6AA40-0AA0	Indicator light, Green
3SB3001-6AA50	3SU1001-6AA50-0AA0	Indicator light, Blue
3SB3001-6AA60	3SU1001-6AA60-0AA0	Indicator light, White
3SB3001-6AA70	3SU1001-6AA60-0AA0	Indicator light, Clear
	3SU1001-6AA00-0AA0	Indicator light, Amber








All seperate Actuators need a holder (3SU1500-0AA10-0AA0)

3SU1500-0AA10-0AA0	Holders without module, Plastic for 3 Modules
3SU1400-1AA10-1BA0	Aux Contacts for 3SU, 1NO
3SU1400-1AA10-1CA0	Aux Contacts for 3SU, 1NC
3SU1400-1AA10-1FA0	Aux Contacts for 3SU, 1NO+1NC
3SU1401-1BB00-1AA0	LED modules for 3SU, 24V DC, Amber
3SU1401-1BB20-1AA0	LED modules for 3SU, 24V DC, Red
3SU1401-1BB30-1AA0	LED modules for 3SU, 24V DC, Yellow
3SU1401-1BB40-1AA0	LED modules for 3SU, 24V DC, Green
3SU1401-1BB50-1AA0	LED modules for 3SU, 24V DC, Blue
3SU1401-1BB60-1AA0	LED modules for 3SU, 24V DC, White
3SU1401-1BC00-1AA0	LED modules for 3SU, 110V AC, Amber
3SU1401-1BC20-1AA0	LED modules for 3SU, 110V AC, Red
3SU1401-1BC30-1AA0	LED modules for 3SU, 110V AC, Yellow
3SU1401-1BC40-1AA0	LED modules for 3SU, 110V AC, Green
3SU1401-1BC50-1AA0	LED modules for 3SU, 110V AC, Blue
3SU1401-1BC60-1AA0	LED modules for 3SU, 110V AC, White
3SU1401-1BF00-1AA0	LED modules for 3SU, 230V AC, Amber
3SU1401-1BF20-1AA0	LED modules for 3SU, 230V AC, Red
3SU1401-1BF30-1AA0	LED modules for 3SU, 230V AC, Yellow
3SU1401-1BF40-1AA0	LED modules for 3SU, 230V AC, Green
3SU1401-1BF50-1AA0	LED modules for 3SU, 230V AC, Blue
3SU1401-1BF60-1AA0	LED modules for 3SU, 230V AC, White





More Options on below website

http://www.siemens.com/sirius-act

SIRIUS ACT - 3SU 22mm Plastic Range, Complete Units

Part Number 3SB3	Part Number 3SU	Description
3SB3202-0AA11	3SU1100-0AB10-1BA0	Flat Pushbutton, 1NO, Black
3SB3203-0AA21	3SU1100-0AB20-1CA0	Flat Pushbutton, 1NC, Red
3SB3202-0AA31	3SU1100-0AB30-1BA0	Flat Pushbutton, 1NO, Yellow
3SB3202-0AA41	3SU1100-0AB40-1BA0	Flat Pushbutton, 1NO, Green
3SB3202-2KA11	3SU1100-2BF60-1BA0	2-pos Selector switch, Black, maitained contact, 1NO
3SB3201-2KA11	3SU1100-2BF60-1MA0	2-pos Selector switch, Black, maitained contact, 1NO+1NC
3SB3210-2DA11	3SU1100-2BL60-1NA0	3-pos Selector switch, Black, maitained contact, 1NO+1NO
3SB3203-1CA21	3SU1100-1BA20-1CA0	40mm Mushroom E-stop, Red, push-pull, 1NC
3SB3203-1HR20	3SU1100-1HB20-1CG0	40mm Mushroom E-stop, Red, Twist-to-release 1NC
3SB3244-6BA20	3SU1102-6AA20-1AA0	Indicator light, 24V AC/DC, Red
3SB3244-6BA30	3SU1102-6AA30-1AA0	Indicator light, 24V AC/DC, Yellow
3SB3244-6BA40	3SU1102-6AA40-1AA0	Indicator light, 24V AC/DC, Green
3SB3244-6BA50	3SU1102-6AA50-1AA0	Indicator light, 24V AC/DC, Blue
3SB3244-6BA60	3SU1102-6AA60-1AA0	Indicator light, 24V AC/DC, Clear
3SB3248-6BA20	3SU1103-6AA20-1AA0	Indicator light, 110V AC, Red
3SB3248-6BA30	3SU1103-6AA30-1AA0	Indicator light, 110V AC, Yellow
3SB3248-6BA40	3SU1103-6AA40-1AA0	Indicator light, 110V AC, Green
3SB3248-6BA50	3SU1103-6AA50-1AA0	Indicator light, 110V AC, Blue
3SB3248-6BA60	3SU1103-6AA60-1AA0	Indicator light, 110V AC, Clear
	3SU1103-6AA00-1AA0	Indicator light, 110V AC, Amber
3SB3252-6BA20	3SU1106-6AA20-1AA0	Indicator light,230V AC, Red
3SB3252-6BA30	3SU1106-6AA30-1AA0	Indicator light,230V AC, Yellow
3SB3252-6BA40	3SU1106-6AA40-1AA0	Indicator light,230V AC, Green
3SB3252-6BA50	3SU1106-6AA50-1AA0	Indicator light,230V AC, Blue
	3SU1106-6AA00-1AA0	Indicator light,230V AC, Amber
	3SU1106-6AA00-1AA0	Indicator light,230V AC, Amber









More Options on below website

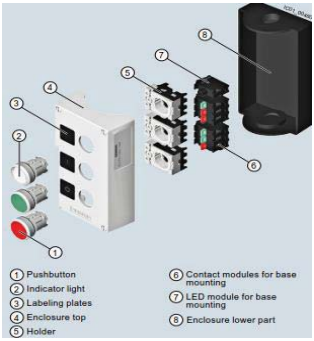
http://www.siemens.com/sirius-act

Technical Assistance :
Web | http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

SIRIUS ACT - 3SU 22mm Enclosures

Part Number		Description	
Plastic Enclosures for surface mounting			
3SB3801-0AD3	3SU1801-0AA00-0AC2	Empty enclosure with potective collar	
3SB3801-0DG3	3SU1801-0NA00-2AA2	E-stop enclosure without potective collar, 1NC	
3SB3801-0DF3	3SU1801-0NA00-2AC2	E-stop enclosure with potective collar, 1NC	
3SB3801-0EF3	3SU1801-0NB00-2AC2	E-stop enclosure with potective collar, 2NC	
3SB3801-0AA3	3SU1801-0AA00-0AB1	1-Pos Empty enclosure - Plastic	
3SB3802-0AA3	3SU1802-0AA00-0AB1	2-Pos Empty enclosure - Plastic	
3SB3803-0AA3	3SU1803-0AA00-0AB1	3-Pos Empty enclosure - Plastic	
3SB3804-0AA3	3SU1804-0AA00-0AB1	4-Pos Empty enclosure - Plastic	
3SB3806-0AA3	3SU1806-0AA00-0AB1	6-Pos Empty enclosure - Plastic	
Metal Enclosures for surface mounting			
3SB3801-2AD3	3SU1851-0AA00-0AC2	Empty enclosure with potective collar	
3SB3801-2DG3	3SU1851-0NA00-2AA2	E-stop enclosure without potective collar, 1NC	
3SB3801-2DF3	3SU1851-0NA00-2AC2	E-stop enclosure with potective collar, 1NC	
3SB3801-2EF3	3SU1851-0NB00-2AC2	E-stop enclosure with potective collar, 2NC	
3SB3801-2AA3	3SU1851-0AA00-0AB1	1-Pos Empty enclosure - Metal	
3SB3802-2AA3	3SU1852-0AA00-0AB1	2-Pos Empty enclosure -Metal	
3SB3803-2AA3	3SU1853-0AA00-0AB1	3-Pos Empty enclosure - Metal	
3SB3804-2AA3	3SU1854-0AA00-0AB1	4-Pos Empty enclosure - Metal	
3SB3806-2AA3	3SU1856-0AA00-0AB1	6-Pos Empty enclosure - Metal	
3SB3420-0B	3SU1400-2AA10-1BA0	Base mounted 1N/O aux. block	
3SB3420-0C	3SU1400-2AA10-1CA0	Base mounted 1N/C aux. block	
3SB3420-1PB	3SU1401-2BB20-1AA0	Lamp Holder with integrated LED, 24V UC	
3SB3420-1PC	3SU1401-2BB40-1AA0	Lamp Holder with integrated LED, 24V UC	
3SB3420-1PE	3SU1401-2BB60-1AA0	Lamp Holder with integrated LED, 24V UC	
3SB3420-1RB	3SU14012BF201AA0	Lamp Holder with integrated LED, 230V AC	
3SB3420-1RC	3SU1401-2BF40-1AA0	Lamp Holder with integrated LED, 230V AC	
3SB3420-1RE	3SU14012BF601AA0	Lamp Holder with integrated LED, 230V AC	

www.siemens.com/sirius-act/configurator




Limit
Switches

SIRIUS 3SE5 - Mechanical Position Switches - Moulded Plastic

Part Number	Description	Contacts	
31mm Moulded Plastic enclosure, IP66/IP67 separate actuators			
3SE5232-0BC05	Slow action contacts, BODY ONLY without actuator	1NO+1NC	
3SE5232-0CC05	Snap action contacts, BODY ONLY without actuator	1NO+1NC	
40mm Moulded Plastic enclosure, IP66/IP67 separate actuators			
3SE5132-0BA00	Slow action contacts, BODY ONLY without actuator	1NO+1NC	
3SE5132-0CA00	Snap action contacts, BODY ONLY without actuator	1NO+1NC	
50mm Moulded Plastic enclosure, IP66/IP67 separate actuators			
3SE5242-0BC05	Slow action contacts, BODY ONLY without actuator	1NO+1NC	
3SE5242-0CC05	Snap action contacts, BODY ONLY without actuator	1NO+1NC	
3SE51 / 52 Separate actuators			
3SE5000-0AD03	Roller plungers, type C acc. to EN 50047 - Plastic rollers		
3SE5000-0AD04	Roller plungers, type C acc. to EN 50047 - High-grade steel rollers		
3SE5000-0AE10	levers, type -		
3SE5000-0AE11	Roller levers, type E acc. to EN 50047 - Metal lever, high-grade steel roller		
3SE5000-0AF10	Angular roller levers - Metal lever, 13mm plastic roller		
3SE5000-0AF11	Angular roller levers - Metal lever, 13mm high-grade steel roller		
3SE5000-0AK00	Twist actuators, plastic (without lever) Switching right and/or left, adjustable		
3SE5000-0AA24	Twist levers 30 mm, straight - Metal lever, 19mm plastic roller		
3SE5000-0AA50	Twist levers, adjustable length - Metal lever, 19mm plastic roller		
3SE5000-0AA51	Twist levers, adjustable length - Metal lever, 19mm Metal lever, high-grade steel roller		
3SE5000-0AA62	Twist levers, adjustable length, with grid hole - High-grade steel lever, plastic roller		

Link to 3SE5 Limit switchs overview

https://www.automation.siemens.com/mcms/infocenter/dokumentencenter/ce/Documentsu20Brochures/e86060-t1812-a101-a8-7600.pdf

SIRIUS 3SE5 - Mechanical Position Switches - Metal

Part Number	Description	Contacts	
56mm Metal enclosure, IP66/IP67			
3SE5122-0BE01	Slow Action w Roller levers With metal lever and plastic roller 22 mm	1NO+1NC	
3SE5122-0CE01	Snap Action w Roller levers With metal lever and plastic roller 22 mm	1NO+1NC	
3SE5122-0CH01	Snap Action Twist levers w metal lever 27 mm and plastic roller 19 mm	1NO+1NC	
3SE5122-0CE01	Snap Action w Roller levers With metal lever and plastic roller 22 mm	1NO+1NC	
3SE5122-0CB01	Snap Action w Plain plungers With high-grade steel plunger	1NO+1NC	
3SE5122-0CC02	Snap Action Rounded plungers W high-grade steel plungers, 3 mm overtravel	1NO+1NC	

More Options available, please contact your nearest Siemens office

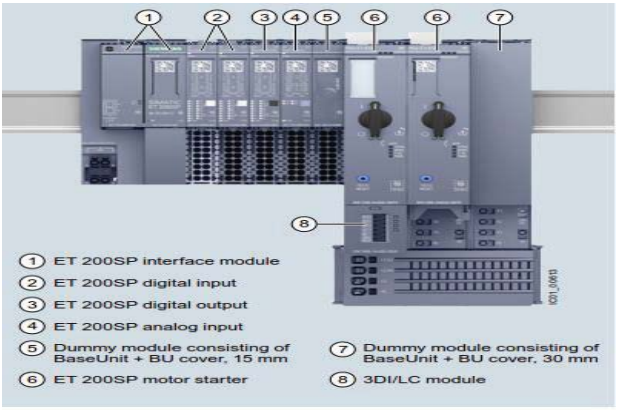
3SE6 Magnetically operated switches



3SE6704-2BA	Rectangular sensor units - Switching magnets (coded) 25x88mm		 3SE6704-2BA
3SE6605-2BA	Contact blocks - With 3m cable, 25x88mm	1NO+1NC	
3SE6604-2BA	Contact blocks - With 3m cable, 25x88mm	2 NC	 3SE660.-2BA
3SE6605-2BA10	Contact blocks - With 10m cable, 25x88mm	1NO+1NC	
3SE6604-2BA10	Contact blocks - With 10m cable, 25x88mm	2 NC	
3SE6605-2BA01	Contact blocks - With M8 plug, 4-pole, 25x88mm	1NO+1NC	
3SE6605-2BA01	Contact blocks - With M8 plug, 4-pole, 25x88mm	2 NC	
3SE6806-2CD00	Monitoring units Safety relays with relay output, 6-sensors. Rated control supply voltage 24 V DC	2 NO / 1 NC	

Motor
Starters

ET200SP Motor Starters NEW!!!



3RK1308 motor starter in the ET 200SP I/O system

Part Number	Description
	Motor starter module
3RK1308-0AB00-0CP0	Direct-on-line – 0.3 A to 1.0 A
3RK1308-0AC00-0CP0	Direct-on-line 0.9 A to 3.0 A
3RK1308-0AD00-0CP0	Direct-on-line 2.8 A to 9.0 A
3RK1308-0AE00-0CP0	Direct-on-line 4.0 A to 12 A
3RK1308-0BB00-0CP0	Reversing – 0.3 A to 1.0 A
3RK1308-0BC00-0CP0	Reversing 0.9 A to 3.0 A
3RK1308-0BD00-0CP0	Reversing 2.8 A to 9.0 A
3RK1308-0BE00-0CP0	Reversing 4.0 A to 12 A



	Failsafe motor starter module
3RK1308-0CB00-0CP0	Fail safe direct starter-DS – 0.3 A to 1.0 A
3RK1308-0CC00-0CP0	Fail safe direct starter – 0.9 A to 3.0 A
3RK1308-0DD00-0CP0	Fail safe direct starter – 2.8 A to 9.0 A
3RK1308-0EE00-0CP0	Fail safe direct starter – 4.0 A to 12 A
3RK1308-0DB00-0CP0	Fail safe reverse starter – 0.3 A to 1.0 A
3RK1308-0DC00-0CP0	Fail safe reverse starter – 0.9 A to 3.0 A
3RK1308-0DD00-0CP0	Fail safe reverse starter – 2.8 A to 9.0 A
3RK1308-0DE00-0CP0	Fail safe reverse starter – 4.0 A to 12 A



	BaseUnits
3RK1908-0AP00-0AP0	BU MS1 (→DC/AC)
3RK1908-0AP00-0CP0	BU MS2 (→AC)
3RK1908-0AP00-0BP0	BU MS3 (→DC)
3RK1908-0AP00-0DP0	BU MS4 (→X)
3RK1908-0AP00-0EP0	BU with F-DI MS5 (→AC)
3RK1908-0AP00-0FP0	BU with F-DI MS6 (→X)



	Accessories
3RK1908-1AA00-0BP0	3DI/LC module
3RK1908-1CA00-0BP0	BU cover
3RK1908-1DA00-2BP0	Energy bus cover
3RW4928-8VB00	Additional fan



3RM1 Motor Starters For Use In Control Cabinets

Part Number	kW @ 400V	In (A)	Control Voltage
3RM10 direct-on-line Starters - Screw Connection			
3RM1001-1AA04	0 - 0.12	0.1 - 0.5	24V DC
3RM1002-1AA04	0.09 - 0.75	0.4 - 2	24V DC
3RM1007-1AA04	0.55 - 3	1.6 - 7	24V DC
3RM1001-1AA14	0 - 0.12	0.1 - 0.5	110-230V AC
3RM1002-1AA14	0.09 - 0.75	0.4 - 2	110-230V AC
3RM1007-1AA14	0.55 - 3	1.6 - 7	110-230V AC
3RM12 Reversing Starters - Screw Connection			
3RM1201-1AA04	0 - 0.12	0.1 - 0.5	24V DC
3RM1202-1AA04	0.09 - 0.75	0.4 - 2	24V DC
3RM1207-1AA04	0.55 - 3	1.6 - 7	24V DC
3RM1201-1AA14	0 - 0.12	0.1 - 0.5	110-230V AC
3RM1202-1AA14	0.09 - 0.75	0.4 - 2	110-230V AC
3RM1207-1AA14	0.55 - 3	1.6 - 7	110-230V AC
Faul Safe 3RM11 direct-on-line Starters - Screw Connection			
3RM1101-1AA04	0 - 0.12	0.1 - 0.5	24V DC
3RM1102-1AA04	0.09 - 0.75	0.4 - 2	24V DC
3RM1107-1AA04	0.55 - 3	1.6 - 7	24V DC
3RM1101-1AA14	0 - 0.12	0.1 - 0.5	110-230V AC
3RM1102-1AA14	0.09 - 0.75	0.4 - 2	110-230V AC
3RM1107-1AA14	0.55 - 3	1.6 - 7	110-230V AC
Fail Safe 3RM13 Reversing Starters - Screw Connection			
3RM1301-1AA04	0 - 0.12	0.1 - 0.5	24V DC
3RM1302-1AA04	0.09 - 0.75	0.4 - 2	24V DC
3RM1307-1AA04	0.55 - 3	1.6 - 7	24V DC
3RM1301-1AA14	0 - 0.12	0.1 - 0.5	110-230V AC
3RM1302-1AA14	0.09 - 0.75	0.4 - 2	110-230V AC
3RM1307-1AA14	0.55 - 3	1.6 - 7	110-230V AC





3RM1 Accessories

3RM1920-1AA	3-phase feeder terminal
3RM1910-1AA	3-phase busbar for 2 3RM1 Starters
3RM1910-1BA	3-phase busbar for 3 3RM1 Starters
3RM1910-1DA	3-phase busbar for 5 3RM1 Starters
3RM1910-6AA	Cover for connection tags not used.



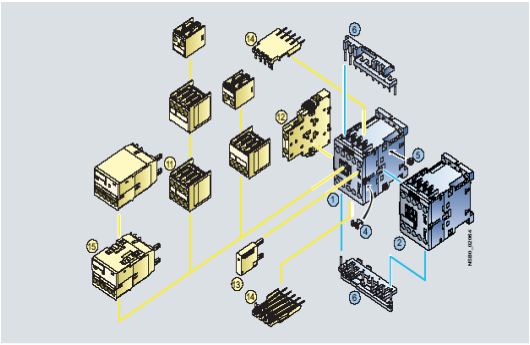






Accessories For Sirius Innovations 3RA23 Reversing Contactors Assemblies

Part Number **Description**



Mountable accessories

Accessories	Order No.	Page
11 Auxiliary switch block, front (auxiliary switch block according to EN 50005 must be used)	3RH29 11-1....	3/84
12 Auxiliary switch block, lateral	3RH29 21-1DA..	3/85
13 Surge suppressor	3RT29 16-1....	3/89
14 Solder pin adapter	3RT19 16-4KA1	3/92
15 Function module for connection to the control system	3RT27 1.-1BA00	3/33

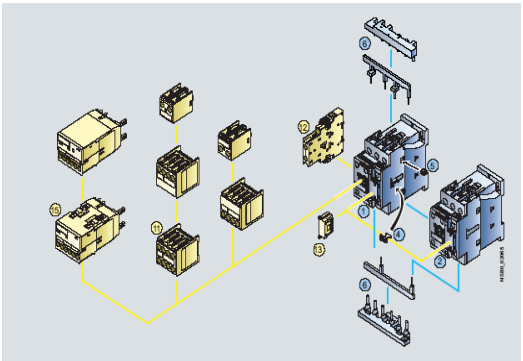
Fully wired and tested contactor assemblies

Individual parts		Order No. Q11	Q12
1 2	Contactors, 3 kW	3RT20 15	3RT20 15
1 2	Contactors, 4 kW	3RT20 16	3RT20 16
1 2	Contactors, 5.5 kW	3RT20 17	3RT20 17
1 2	Contactors, 7.5 kW	3RT20 18	3RT20 18
4 5 6	Assembly kit comprising:	3RA29 13-2AA1	
	4 Mechanical interlocks		
	5 2 connecting clips for 2 contactors		
	6 Wiring modules on the top and bottom for connecting the main current paths, electrical interlock included[1], interruptible (NC contact interlock)		

[1] 3RT20 1. contactors with one NC contact in the basic unit are required for the electrical interlock.

3RA2913-2AA1

Assembly kiy for S00 3RT201 contactors complete with mechnical interlock and connecting links top and bottom



Mountable accessories

Individual parts	Order No.	Page
11 Auxiliary switch block, front	3RH29 21-1....	3/84
12 Auxiliary switch block, lateral	3RH29 21-1DA..	3/85
13 Surge suppressor	3RT29 26-1....	3/89
15 Function module for connection to the control system	3RT27 1.-1BA00	3/33

Fully wired and tested contactor assemblies

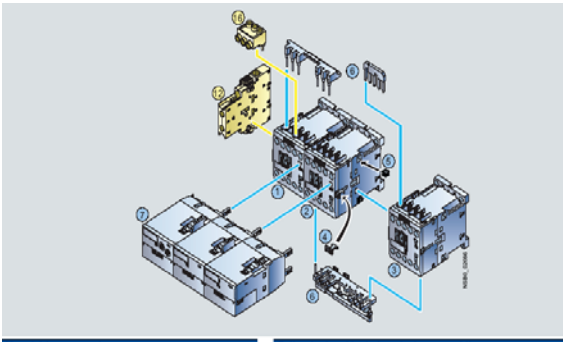
Individual parts		Order No. Q11	Q12
1 2	Contactors, 5.5 kW	3RT20 24	3RT20 24
1 2	Contactors, 7.5 kW	3RT20 25	3RT20 25
1 2	Contactors, 11 kW	3RT20 26	3RT20 26
1 2	Contactors, 15 kW	3RT20 27	3RT20 27
1 2	Contactors, 18.5 kW	3RT20 28	3RT20 28
4 5 6	Assembly kit comprising:	3RA29 23-2AA1	
	4 Mechanical interlocks		
	5 2 connecting clips for 2 contactors		
	6 Wiring modules on the top and bottom for connecting the main current paths, electrical interlock included (NC contact interlock)		

3RA2923-2AA1

Assembly kiy for S0 3RT202 contactors complete with mechnical interlock and connecting links top and bottom

Accessories For Sirius Innovations 3RA24 Star / Delta Contactors Assemblies

Part Number **Description**



Mountable accessories

Individual parts	Order No.	Page
12 Auxiliary switch block, lateral	3RH29 21-1DA..	3/85
16 3-phase feeder terminal[1]	3RA29 13-3K	3/42

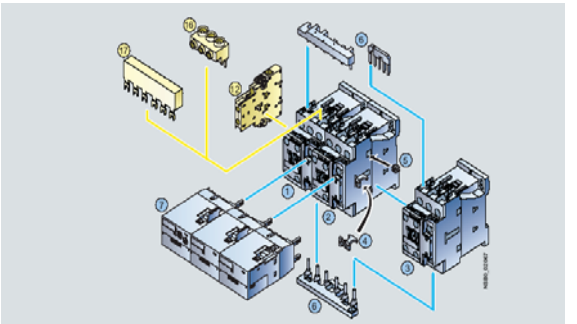
Fully wired and tested contactor assemblies

Individual parts	Order No.	Q11[1]	Q13[2]	Q12[2]
1 2 3 Contactors, 5.5 kW		3RT20 15	3RT20 15	3RT20 15
1 2 3 Contactors, 7.5 kW		3RT20 17	3RT20 17	3RT20 15
1 2 3 Contactors, 11 kW		3RT20 18	3RT20 18	3RT20 16
4 5 6 Assembly kit comprising	3RA29 13-2BB1			
4 Mechanical interlock				
5 4 connecting clips				
6 Wiring modules on the top and bottom for connecting the main current paths				
7 Function modules for wye-delta starting	3RA28 16-0EW20			

3RA2913-2BB1

Assembly kiy for S00 3RT201 contactors complete with mechnical interlock and connecting links top and bottom

3RA2816-0EW20 Function Module for Star/Delta



Mountable accessories

Individual parts	Order No.	Page
12 Auxiliary switch block, lateral	3RH29 21-1DA..	3/85
16 Three-phase feeder terminal[1]	3RV29 25-5AB	3/41
17 Three-phase busbar[1]	3RV19 15-1AB	3/41

Fully wired and tested contactor assemblies

Individual parts	Order No.	Q11	Q13	Q12
1 2 3 Contactors, 11 kW		3RT20 24	3RT20 24	3RT20 24
1 2 3 Contactors, 15/18.5 kW		3RT20 26	3RT20 26	3RT20 24
1 2 3 Contactors, 22 kW		3RT20 27	3RT20 27	3RT20 26
4 5 6 Assembly kit	3RA29 23-2BB1			
The assembly kit contains:				
4 Mechanical interlock				
5 Connecting clips				
6 Wiring modules on the top and bottom for connecting the main current paths				
7 Function modules for wye-delta starting	3RA28 16-0EW20			

3RA2923-2BB1

Assembly kiy for S0 3RT202 contactors complete with mechnical interlock and connecting links top and bottom

Accessories For Sirius Innovations 3RA23 Reversing Contactors & 3RA24 Star/ Delta Assemblies

Part Number	Description	
3RA23 Function modules for connection to the control system		
3RA2711-1BA00	**IO-Link connection,** comprising one basic and one coupling module and an additional module connector for assembling an IO-Link group	
3RA2712-1BA00	**AS-I connection,** comprising one basic and one coupling module	
3RA2711-0EE02	14-pole Module connector, 8cm, for function modules 3RA27 - S00 & S0	
3RA2711-0EE03	14-pole Module connector, 21cm, for function modules 3RA27 - S00 & S0	
3RA2711-0EE04	10-pole Module connector, 8cm, for function modules 3RA27, for aux. voltage suplpl with IO-link - S00 & S0	
3RA24 Function modules for connection to the control system		
3RA2711-1CA00	**IO-Link connection,** comprising one basic and two coupling module and an additional module connector for assembling an IO-Link group	
3RA2712-1CA00	**AS-I connection,** comprising one basic and one coupling module	
3RA2711-0EE02	14-pole Module connector, 8cm, for function modules 3RA27 - S00 & S0	
3RA2711-0EE03	14-pole Module connector, 21cm, for function modules 3RA27 - S00 & S0	
3RA2711-0EE04	10-pole Module connector, 8cm, for function modules 3RA27, for aux. voltage suplpl with IO-link - S00 & S0	
Operator panel for communication through IO-Link		
3RA6935-0A	Operator panel with 3RA6936-0A enabling module, blanking cover and fixing terminal for S00 & S0	
3RA2711-0EE11	Connection cables, length 2 m, 10- to 14-pole, for connection from the BB to the communication module, for size S00/S0	

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

3RA6 - Compact Starters

Part Number	Description	range	Voltage
	3RA61 Direct-on-line starters		
3RA6120-1AP32	Combinaton CB, contactor and electonic overload	0.1 - 0.4A	110 - 240V AC/DC
3RA6120-1BP32	Combinaton CB, contactor and electonic overload	0.32 - 1.25A	110 - 240V AC/DC
3RA6120-1CP32	Combinaton CB, contactor and electonic overload	1 - 4A	110 - 240V AC/DC
3RA6120-1DP32	Combinaton CB, contactor and electonic overload	3 - 12A	110 - 240V AC/DC
3RA6120-1EP32	Combinaton CB, contactor and electonic overload	8 - 32A	110 - 240V AC/DC
3RA6120-1AB32	Combinaton CB, contactor and electonic overload	0.1 - 0.4A	24V AC/DC
3RA6120-1BB32	Combinaton CB, contactor and electonic overload	0.32 - 1.25A	24V AC/DC
3RA6120-1CB32	Combinaton CB, contactor and electonic overload	1 - 4A	24V AC/DC
3RA6120-1DB32	Combinaton CB, contactor and electonic overload	3 - 12A	24V AC/DC
3RA6120-1EB32	Combinaton CB, contactor and electonic overload	8 - 32A	24V AC/DC
3RA6970-3B	AS-I module with safe disconnection		
3RA6950-0A	Control kit for mechanical actuation		
3RA6911-1A	Auxilliary switch block		2NO
3RA6912-1A	Auxilliary switch block		2NC











3RA6 - Compact Starters

Part Number	Description	Overload	Control
	3RA62 Reversing starters		
3RA6250-1AP32	Combinaton CB, contactor and electonic overload	0.1 - 0.4A	110 - 240V AC/DC
3RA6250-1BP32	Combinaton CB, contactor and electonic overload	0.32 - 1.25A	110 - 240V AC/DC
3RA6250-1CP32	Combinaton CB, contactor and electonic overload	1 - 4A	110 - 240V AC/DC
3RA6250-1DP32	Combinaton CB, contactor and electonic overload	3 - 12A	110 - 240V AC/DC
3RA6250-1EP32	Combinaton CB, contactor and electonic overload	8 - 32A	110 - 240V AC/DC
3RA6250-1AB32	Combinaton CB, contactor and electonic overload	0.1 - 0.4A	24V AC/DC
3RA6250-1BB32	Combinaton CB, contactor and electonic overload	0.32 - 1.25A	24V AC/DC
3RA6250-1CB32	Combinaton CB, contactor and electonic overload	1 - 4A	24V AC/DC
3RA6250-1DB32	Combinaton CB, contactor and electonic overload	3 - 12A	24V AC/DC
3RA6250-1EB32	Combinaton CB, contactor and electonic overload	8 - 32A	24V AC/DC





3RA6970-3A	Basic AS-I module	
3RA6970-3B	AS-I module with 2 local inputs	
3RA6970-3C	AS-I module with 2 free external inputs	
3RA6970-3D	AS-I module with 1 free external input and 1 free external output	
3RA6970-3E	AS-I module with 2 free external outputs	
3RK1904-2AB01	AS-I addressing unit	



3RA6950-0A	Control kit for mechanical actuation	
3RA6911-1A	Auxilliary switch block	2NO
3RA6912-1A	Auxilliary switch block	2NC
3RA6913-1A	Auxilliary switch block	1NO + 1NC

3RA64, 3RA65 - Compact Starters With IO-Link

Part Number	Description	Overload range	Control Voltage
3RA61 Direct-on-line starters for IO-Link			
3RA6400-1AB42	Combinaton CB, contactor and electonic overload	0.1 - 0.4A	24V AC/DC
3RA6400-1BB42	Combinaton CB, contactor and electonic overload	0.32 - 1.25A	24V AC/DC
3RA6400-1CB42	Combinaton CB, contactor and electonic overload	1 - 4A	24V AC/DC
3RA6400-1DB42	Combinaton CB, contactor and electonic overload	3 - 12A	24V AC/DC
3RA6400-1EB42	Combinaton CB, contactor and electonic overload	8 - 32A	24V AC/DC
3RA61 Reversing starters for IO-Link			
3RA6500-1AB42	Combinaton CB, contactor and electonic overload	0.1 - 0.4A	24V AC/DC
3RA6500-1BB42	Combinaton CB, contactor and electonic overload	0.32 - 1.25A	24V AC/DC
3RA6500-1CB42	Combinaton CB, contactor and electonic overload	1 - 4A	24V AC/DC
3RA6500-1DB42	Combinaton CB, contactor and electonic overload	3 - 12A	24V AC/DC
3RA6500-1EB42	Combinaton CB, contactor and electonic overload	8 - 32A	24V AC/DC
Accessories for 3RA64 & 3RA65 Compact Starters			
3RA6950-0A	Control kit for mechanical actuation		
3RA6911-1A	Auxilliary switch block		2NO
3RA6912-1A	Auxilliary switch block		2NC
3RA6913-1A	Auxilliary switch block		1NO + 1NC
3RA6920-1A	Main circuit terminals		2NO



3RA64. with 3RA6911 auxiliary switch block



3RA65. with 3RA6911 auxiliary switch block







3RA64, 3RA65 - Compact Starters With IO-Link

Part Number	Description
Accessories for 3RA64 & 3RA65 Compact Starters IO-Link	
3RA6931-0A	Connecting cable, 14-pole 8mm
3RA6932-0A	Connecting cable, 10-pole 8mm
3RA6933-0B	Connecting cable, 10-pole 200mm
3RA6933-0C	Connecting cable, 14-pole 200mm

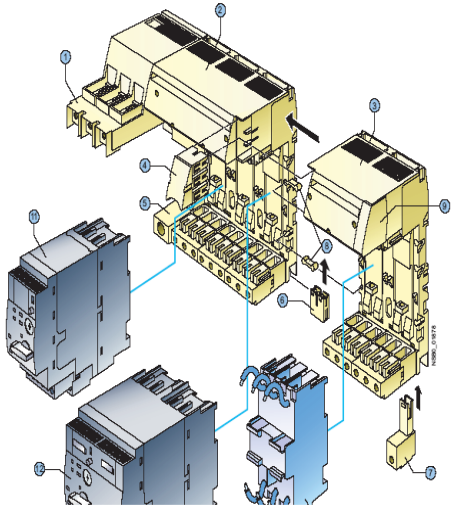


3RA6935-0A	Operator panel for Sirius devices with IO-Link
3RA6936-0A	Enabling module for OP 3RA6935-0A
3RA6936-0B	Blanking covers
3RA6933-0A	Connecting cable, 10-pole 2000mm



3RK1005-0LB00-0AA0	Simatic DP module for ET 200S, 4SI, IO-Link master for 3RA64 & 3RA65 compact starters

3RA6 Infeed System



① Feeder terminal
② Three-socket expansion module
③ Two-socket expansion module
④ Expansion plug
⑤ PE infeed
⑥ PE expansion plug
⑦ PE pick-off
⑧ Connecting wedges
⑨ End cover
⑩ 45 mm adapter for SIRIUS motor starter protector size S0
⑪ 3RA61 direct-on-line starter
⑫ 3RA62 reversing starter

3RA6812-8AB	Infeed on the left, connection main circuit, screw terminal, 3 slots for compact load feeders. Terminal max 25mm2 / 35mm2



3RA6 Infeed System

Part Number	Description	
	3RA6 Infeed System	
3RA6822-0AB	2-socket expansion modules with screw connection. Either 2 DOL or 1 reversing 3RA6	
3RA6823-0AB	3-socket expansion modules with screw connection for 2 DOL's & 1 reversing OR 3 DOL starters	
3RA6860-6AB	PE infeed 25/35mm2 with screw connection	
3RA6870-4AB	PE pick-offs 6/10mm2 with screw terminals	
3RA6890-0EA	PE expansion plugs	
3RA6890-1AB	Expansion plugs between 2 expansion modules	
3RA6890-1AA	Expansion plugs for Sirius 3RV19 infeed system	
3RA6890-0BA	Expansion plugs for Sirius 3RV19 infeed system	
3RV1917-5D	Terminal Block	
3RV2908-1A	Tools for opening spring-type terminal	

Type-2
Selection

Fuseless Load feeder selection tables - 400V + 10%

Type-2 400V(+/-10%) Class 10 with standard Overload - (IE3 4-pole Motors)

kW Rating	Circuit Breaker	Contactor (220V AC)	kA	Overload
0.06kW @ 0.2A	3RV2011-0CA10	3RT2015-1AP01	150	3RU2116-0CB0
0.09kW @ 0.3A	3RV2011-0EA10	3RT2015-1AP01	150	3RU2116-0EB0
0.12kW @ 0.4A	3RV2011-0FA10	3RT2015-1AP01	150	3RU2116-0FB0
0.18kW @ 0.6A	3RV2011-0HA10	3RT2015-1AP01	150	3RU2116-0HB0
0.25kW @ 0.85A	3RV2011-0JA10	3RT2015-1AP01	150	3RU2116-0JB0
0.37kW @ 1.1A	3RV2011-0KA10	3RT2015-1AP01	150	3RU2116-0KB0
0.55kW @ 1.5A	3RV2011-1AA10	3RT2015-1AP01	150	3RU2116-1AB0
0.75kW @ 1.9A	3RV2011-1CA10	3RT2015-1AP01	150	3RU2116-1CB0
1.1kW @ 2.7A	3RV2011-1DA10	3RT2015-1AP01	150	3RU2116-1DB0
1.5kW @ 3.6A	3RV2011-1FA10	3RT2024-1AP00	150	3RU2126-1FB0
2.2kW @ 5A	3RV2011-1GA10	3RT2024-1AP00	150	3RU2126-1GB0
3kW @ 6.5A	3RV2011-1HA10	3RT2024-1AP00	150	3RU2126-1HB0
4kW @ 8.5A	3RV2011-1KA10	3RT2024-1AP00	150	3RU2126-1KB0
5.5kW @ 11.5A	3RV2011-4AA10	3RT2026-1AP00	150	3RU2126-4AB0
7.5kW @ 15.5A	3RV2021-4CA10	3RT2027-1AP00	150	3RU2126-4BB0
11kW @ 22A	3RV2021-4NA10	3RT2027-1AP00	150	3RU2126-4DB0
15kW @ 29A	3RV2031-4UA10	3RT2035-1AP00	100	3RU2136-4EB0
18.5kW @ 35A	3RV2031-4VA10	3RT2036-1AP00	100	3RU2136-4FB0
22kW @ 41A	3RV2031-4WA10	3RT2036-1AP00	100	3RU2136-4GB0
30kW @ 55A	3RV1041-4LA10	3RT1046-1AP00	50	3RU1146-4JB0
30kW @ 55A	3RV1042-4LA10	3RT1054-1AP36	100	3RU1146-4JB0
37kW @ 66A	3RV1041-4MA10	3RT1046-1AP00	50	3RU1146-4KB0
37kW @ 66A	3RV1042-4MA10	3RT1054-1AP36	100	3RU1146-4KB0
45kW @ 85A	3VL2710-2DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
45kW @ 85A	3VL2710-3DK33-0AA0	3RT1054-1AP36	100	3RB2056-1FW2
55kW @ 97A	3VL2716-2DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
55kW @ 97A	3VL2716-3DK33-0AA0	3RT1056-6AP36	100	3RB2056-1F..
75kW @ 132A	3VL3725-2DK36-0AA0	3RT1056-6AP36	50	3RB2056-1F..
75kW @ 132A	3VL3725-3DK36-0AA0	3RT1064-6AP36	100	3RB2056-1F..
90kW @ 160A	3VL3725-2DK36-0AA0	3RT1056-6AP36	50	3RB2056-1F..
90kW @ 160A	3VL3725-3DK36-0AA0	3RT1064-6AP36	100	3RB2066-1GC2
110kW @ 195A	3VL4731-2DK36-0AA0	3RT1065-6AP36	50	3RB2066-1GC2
110kW @ 195A	3VL4731-3DK36-0AA0	3RT1075-6AP36	100	3RB2066-1GC2
132kW @ 230A	3VL5750-2DK36-0AA0	3RT1075-6AP36	50	3RB2066-1MC2
132kW @ 230A	3VL5750-3DK36-0AA0	3RT1075-6AP36	100	3RB2066-1MC2
160kW @ 285A	3VL5750-2DK36-0AA0	3RT1075-6AP36	50	3RB2066-1MC2
160kW @ 285A	3VL5750-3DK36-0AA0	3RT1076-6AP36	100	3RB2066-1MC2
45kW @ 85A	3VA2216-7MS32-0AA0	3RT1054-1AP36	150	3RB2056-1FW2
55kW @ 97A	3VA2216-7MS32-0AA0	3RT1054-1AP36	150	3RB2056-1FW2
75kW @ 132A	3VA2220-7MS32-0AA0	3RT1056-6AP36	150	3RB2056-1FC2
90kW @ 160A	3VA2220-7MS32-0AA0	3RT1056-6AP36	150	3RB2056-1FC2
110kW @ 195A	3VA2325-7MS32-0AA0	3RT1064-6AP36	150	3RB2066-1GC2
132kW @ 230A	3VA2440-7MS32-0AA0	3RT1065-6AP36	150	3RB2066-1GC2
160kW @ 285A	3VA2440-7MS32-0AA0	3RT1066-6AP36	150	3RB2066-1MC2
200kW @ 350A	3VA2450-7MS32-0AA0	3RT1075-6AP36	150	3RB2066-1MC2
250kW @ 430A	3VA2450-7MS32-0AA0	3RT1076-6AP36	150	3RB2066-1MC2

Type-1 400V(+/-10%) 50kA Class 10 with standard Overload

Rating	MCCB	Contactor		Overload
315kW @ 540A	3VL7712-1DE36-0AA0	3TF6844-0CM7	50	3RB2066-1MC2
355kW @ 610A	3VL7712-1DE36-0AA0	3TF6844-0CM7	50	3RB2066-1MC2

Fuseless Load feeder selection tables - 400V + 10%

Type-2 400V(+/-10%) Class 10 with Electronic Overload - (IE3 4-pole Motors)

kW Rating	Circuit Breaker	Contactor (220V AC)	kA	Overload
0.06kW @ 0.2A	3RV2011-0CA10	3RT2015-1AP01	150	3RB3016-1RB0
0.09kW @ 0.3A	3RV2011-0EA10	3RT2015-1AP01	150	3RB3016-1RB0
0.12kW @ 0.4A	3RV2011-0FA10	3RT2015-1AP01	150	3RB3016-1NB0
0.18kW @ 0.6A	3RV2011-0HA10	3RT2015-1AP01	150	3RB3016-1NB0
0.25kW @ 0.85A	3RV2011-0JA10	3RT2015-1AP01	150	3RB3016-1NB0
0.37kW @ 1.1A	3RV2011-0KA10	3RT2015-1AP01	150	3RB3016-1NB0
0.55kW @ 1.5A	3RV2011-1AA10	3RT2015-1AP01	150	3RB3016-1PB0
0.75kW @ 1.9A	3RV2011-1CA10	3RT2015-1AP01	150	3RB3016-1PB0
1.1kW @ 2.7A	3RV2011-1DA10	3RT2015-1AP01	150	3RB3016-1PB0
1.5kW @ 3.6A	3RV2011-1FA10	3RT2024-1AP00	150	3RB3026-1SB0
2.2kW @ 5A	3RV2011-1GA10	3RT2024-1AP00	150	3RB3026-1SB0
3kW @ 6.5A	3RV2011-1HA10	3RT2024-1AP00	150	3RB3026-1SB0
4kW @ 8.5A	3RV2011-1KA10	3RT2024-1AP00	150	3RB3026-1SB0
5.5kW @ 11.5A	3RV2011-4AA10	3RT2026-1AP00	150	3RB3026-1QB0
7.5kW @ 15.5A	3RV2021-4CA10	3RT2027-1AP00	150	3RB3026-1QB0
11kW @ 22A	3RV2021-4NA10	3RT2027-1AP00	150	3RB3026-1QB0
15kW @ 29A	3RV2031-4UA10	3RT2035-1AP00	100	3RB3036-1UB0
18.5kW @ 35A	3RV2031-4VA10	3RT2036-1AP00	100	3RB3036-1UB0
22kW @ 41A	3RV2031-4WA10	3RT2036-1AP00	100	3RB3036-1UB0
30kW @ 55A	3RV1041-4LA10	3RT1046-1AP00	50	3RB2046-1EB0
30kW @ 55A	3RV1042-4LA10	3RT1054-1AP36	100	3RB2046-1EB0
37kW @ 66A	3RV1041-4MA10	3RT1046-1AP00	50	3RB2046-1EB0
37kW @ 66A	3RV1042-4MA10	3RT1054-1AP36	100	3RB2046-1EB0
45kW @ 85A	3VL2710-2DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
45kW @ 85A	3VL2710-3DK33-0AA0	3RT1054-1AP36	100	3RB2056-1F..
55kW @ 97A	3VL2716-2DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
55kW @ 97A	3VL2716-3DK33-0AA0	3RT1056-6AP36	100	3RB2056-1F..
75kW @ 132A	3VL3725-2DK36-0AA0	3RT1056-6AP36	50	3RB2056-1F..
75kW @ 132A	3VL3725-3DK36-0AA0	3RT1064-6AP36	100	3RB2056-1F..
90kW @ 160A	3VL3725-2DK36-0AA0	3RT1056-6AP36	50	3RB2056-1F..
90kW @ 160A	3VL3725-3DK36-0AA0	3RT1064-6AP36	100	3RB2066-1GC2
110kW @ 195A	3VL4731-2DK36-0AA0	3RT1065-6AP36	50	3RB2066-1GC2
110kW @ 195A	3VL4731-3DK36-0AA0	3RT1075-6AP36	100	3RB2066-1GC2
132kW @ 230A	3VL5750-2DK36-0AA0	3RT1075-6AP36	50	3RB2066-1MC2
132kW @ 230A	3VL5750-3DK36-0AA0	3RT1075-6AP36	100	3RB2066-1MC2
160kW @ 285A	3VL5750-2DK36-0AA0	3RT1075-6AP36	50	3RB2066-1MC2
160kW @ 285A	3VL5750-3DK36-0AA0	3RT1076-6AP36	100	3RB2066-1MC2
45kW @ 85A	3VA2216-7MS32-0AA0	3RT1054-1AP36	150	3RB2056-1FW2
55kW @ 97A	3VA2216-7MS32-0AA0	3RT1054-1AP36	150	3RB2056-1FW2
75kW @ 132A	3VA2220-7MS32-0AA0	3RT1056-6AP36	150	3RB2056-1FC2
90kW @ 160A	3VA2220-7MS32-0AA0	3RT1056-6AP36	150	3RB2056-1FC2
110kW @ 195A	3VA2325-7MS32-0AA0	3RT1064-6AP36	150	3RB2066-1GC2
132kW @ 230A	3VA2440-7MS32-0AA0	3RT1065-6AP36	150	3RB2066-1GC2
160kW @ 285A	3VA2440-7MS32-0AA0	3RT1066-6AP36	150	3RB2066-1MC2
200kW @ 350A	3VA2450-7MS32-0AA0	3RT1075-6AP36	150	3RB2066-1MC2
250kW @ 430A	3VA2450-7MS32-0AA0	3RT1076-6AP36	150	3RB2066-1MC2

Type-1 400V(+/-10%) 50kA Class 10 with standard Overload

Rating	MCCB	Contactor		Overload
315kW @ 540A	3VL7712-1DE36-0AA0	3TF6844-0CM7	50	3RB2066-1MC2
355kW @ 610A	3VL7712-1DE36-0AA0	3TF6844-0CM7	50	3RB2066-1MC2

Fuseless Load feeder selection tables - 400V + 10%

Type-2 400V(+/-10%) 50kA Class 10 with 3UF7 SIMOCODE - (IE3 4-pole Motors)

kW Rating	Circuit Breaker	Contactor (220V AC)	kA	Add Simocode BU or 3RB22
0.09 - 0.55	3RV2311-1BC10	3RT2015-1AP01	150	3UF71*0-1AA00-0 / 3RB2906-2BG1
0.75 - 1.1	3RV2311-1EC10	3RT2015-1AP01		
1.5	3RV2311-1GC10	3RT2024-1AP00		
2.2 - 3	3RV2311-1JC10	3RT2024-1AP00	150	3UF71*1-1AA00-0 / 3RB2906-2DG1
4	3RV2311-1KC10	3RT2024-1AP00		
5.5	3RV2311-4AC10	3RT2026-1AP00		
7.5	3RV2321-4CC10	3RT2027-1AP00		
11	3RV2321-4EC10	3RT2027-1AP00	150	
15	3RV2331-4VC10	3RT2036-1AP00	100	
18.5	3RV2031-4WB10	3RT2036-1AP00	100	3UF71*2-1AA00-0 / 3RB2906-2JG1
22	3RV1342-4JC10	3RT1054-1AP36	100	
30	3RV1342-4LC10	3RT1054-1AP36	100	
18.5 - 30	3RV1041-4LA10	3RT1046-1AP00	50	
37	3VL2716-3DK33-0AA0	3RT1054-1AP36	100	
45	3VL2716-3DK33-0AA0	3RT1054-1AP36	100	
55	3VL2716-3DK33-0AA0	3RT1054-1AP36	100	3UF71*3-1BA00-0 / 3RB2906-2JG1
37 - 45	3VL2710-2DK33-0AA0	3RT1054-1AP36	50	
55	3VL2716-2DK33-0AA0	3RT1054-1AP36	50	
75	3VL3725-2DK36-0AA0	3RT1056-6AP36	50	
75	3VL3725-3DK36-0AA0	3RT1056-6AP36	100	3UF71*3-1BA00-0 / 3RB2956-2TG2
90	3VL3725-2DK36-0AA0	3RT1056-6AP36	50	
90	3VL3725-3DK36-0AA0	3RT1056-6AP36	100	
110	3VL4731-2DK36-0AA0	3RT1065-6AP36	50	
110	3VL4731-3DK36-0AA0	3RT1075-6AP36	100	
132	3VL5750-2DK36-0AA0	3RT1075-6AP36	50	3UF71*4-1BA00-0 / 3RB2966-2WH2
132	3VL5750-3DK36-0AA0	3RT1075-6AP36	100	
160	3VL5750-2DK36-0AA0	3RT1075-6AP36	50	
160	3VL5750-3DK36-0AA0	3RT1075-6AP36	100	
185 - 315	3VL7712-1DE36-0AA0	3TF6844-0CM7	50	
45	3VA2216-7MS32-0AA0	3RT1054-1AP36	150	
55	3VA2216-7MS32-0AA0	3RT1054-1AP36	150	3UF71*3-1BA00-0 / 3RB2956-2TG2
75	3VA2220-7MS32-0AA0	3RT1056-6AP36	150	
90	3VA2220-7MS32-0AA0	3RT1056-6AP36	150	
110	3VA2325-7MS32-0AA0	3RT1064-6AP36	150	
132	3VA2440-7MS32-0AA0	3RT1065-6AP36	150	
160	3VA2440-7MS32-0AA0	3RT1066-6AP36	150	3UF71*4-1BA00-0 / 3RB2966-2WH2
200	3VA2450-7MS32-0AA0	3RT1075-6AP36	150	
250	3VA2450-7MS32-0AA0	3RT1076-6AP36	150	

Type-1 400V(+/-10%) 50kA Class 10 with standard Overload

Rating	MCCB	Contactor		Overload
355kW @ 610A	3VL7712-1DE36-0AA0	3TF6844-0CM7	50	3UF71*4-1BA00-0 / 3RB2966-2WH2

https://support.industry.siemens.com

Fuseless Load feeder selection tables - 500V + 10%

Type-2 525V(+/-5%) Class 10 with standard Overload - (IE3 4-pole Motors)

kW Rating	Circuit Breaker	Contactor (220V AC)	kA	Overload
0.12kW @ 0.3A	3RV2011-0EA10	3RT2015-1AP01	100	3RU2116-0EB0
0.18kW @ 0.5A	3RV2011-0FA10	3RT2015-1AP01	100	3RU2116-0FB0
0.25kW @ 0.7A	3RV2011-0HA10	3RT2015-1AP01	100	3RU2116-0HB0
0.37kW @ 0.9A	3RV2011-0JA10	3RT2015-1AP01	100	3RU2116-0JB0
0.55kW @ 1.2A	3RV2011-1AA10	3RT2015-1AP01	100	3RU2116-1AB0
0.75kW @ 1.5A	3RV2011-1CA10	3RT2015-1AP01	100	3RU2116-1BB0
1.1kW @ 2.2A	3RV2011-1DA10	3RT2015-1AP01	100	3RU2116-1CB0
1.5kW @ 2.9A	3RV2011-1FA10	3RT2024-1AP00	100	3RU2126-1DB0
2.2kW @ 4A	3RV2011-1GA10	3RT2024-1AP00	100	3RU2126-1FB0
3kW @ 5.2A	3RV2011-1JA10	3RT2026-1AP00	100	3RU2126-1GB0
4kW @ 6.8A	3RV2011-1KA10	3RT2026-1AP00	100	3RU2126-1HB0
5.5kW @ 9.2A	3RV2011-4AA10	3RT2026-1AP00	100	3RU2126-1JB0
7.5kW @ 12.4A	3RV2021-4BA10	3RT2027-1AP00	100	3RU2126-4AB0
11kW @ 17.6A	3RV2021-4NA10	3RT2027-1AP00	100	3RU2126-4BB0
15kW @ 23A	3RV2031-4PA10	3RT2035-1AP00	70	3RU2136-4DB0
18.5kW @ 28A	3RV2031-4UA10	3RT2036-1AP00	70	3RU2136-4EB0
22kW @ 33A	3RV2031-4WA10	3RT2036-1AP00	70	3RU2136-4FB0
30kW @ 44A	3RV1041-4KA10	3RT1044-1AP00	50	3RU1146-4HB0
30kW @ 44A	3RV2031-4JA10	3RT2037-1AP00	70	3RU2136-4HB0
37kW @ 53A	3RV1041-4LA10	3RT1045-1AP00	50	3RU1146-4JB0
45kW @ 64A	3VL2710-3DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
55kW @ 78A	3VL2716-3DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
75kW @ 106A	3VL2716-3DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
90kW @ 128A	3VL2716-3DK33-0AA0	3RT1055-1AP36	50	3RB2056-1F..
110kW @ 156A	3VL3725-3DK33-0AA0	3RT1056-6AP36	50	3RB2066-1GC2
132kW @ 184A	3VL4731-3DK36-0AA0	3RT1065-6AP36	50	3RB2066-1GC2
160kW @ 224A	3VL5750-3DK36-0AA0	3RT1075-6AP36	50	3RB2066-1MC2
200kW @ 280A	3VL5750-3DK36-0AA0	3RT1075-6AP36	50	3RB2066-1MC2

Type-1 525V(+/-5%) Class 10 with standard Overload - (IE3 4-pole Motors)

Rating	MCCB	Contactor		Overload
250 - 355kW	3VL7712-2DE36-0AA0	3TF6844-0CM7	50	3RB2066-2MC2

https://support.industry.siemens.com

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Fuseless Load feeder selection tables - 500V + 10%

Type-2 525V(+/-5%) Class 10 with Electronic Overload - (IE3 4-pole Motors)

kW Rating	Circuit Breaker	Contactor (220V AC)	kA	Overload
0.12kW @ 0.3A	3RV2011-0EA10	3RT2015-1AP01	100	3RB3016-1NB0
0.18kW @ 0.5A	3RV2011-0FA10	3RT2015-1AP01	100	3RB3016-1NB0
0.25kW @ 0.7A	3RV2011-0HA10	3RT2015-1AP01	100	3RB3016-1NB0
0.37kW @ 0.9A	3RV2011-0JA10	3RT2015-1AP01	100	3RB3016-1NB0
0.55kW @ 1.2A	3RV2011-1AA10	3RT2015-1AP01	100	3RB3016-1PB0
0.75kW @ 1.5A	3RV2011-1CA10	3RT2015-1AP01	100	3RB3016-1PB0
1.1kW @ 2.2A	3RV2011-1DA10	3RT2015-1AP01	100	3RB3016-1PB0
1.5kW @ 2.9A	3RV2011-1FA10	3RT2024-1AP00	100	3RB3026-1SB0
2.2kW @ 4A	3RV2011-1GA10	3RT2024-1AP00	100	3RB3026-1SB0
3kW @ 5.2A	3RV2011-1JA10	3RT2026-1AP00	100	3RB3026-1SB0
4kW @ 6.8A	3RV2011-1KA10	3RT2026-1AP00	100	3RB3026-1SB0
5.5kW @ 9.2A	3RV2011-4AA10	3RT2026-1AP00	100	3RB3026-1SB0
7.5kW @ 12.4A	3RV2021-4BA10	3RT2027-1AP00	100	3RB3026-1QB0
11kW @ 17.6A	3RV2021-4NA10	3RT2027-1AP00	100	3RB3026-1QB0
15kW @ 23A	3RV2031-4PA10	3RT2035-1AP00	70	3RB3036-1UB0
18.5kW @ 28A	3RV2031-4UA10	3RT2036-1AP00	70	3RB3036-1UB0
22kW @ 33A	3RV2031-4WA10	3RT2036-1AP00	70	3RB3036-1UB0
30kW @ 44A	3RV1041-4KA10	3RT1044-1AP00	50	3RB2046-1EB0
30kW @ 44A	3RV2031-4JA10	3RT2037-1AP00	70	3RB3036-1UB0
37kW @ 53A	3RV1041-4LA10	3RT1045-1AP00	50	3RB2046-1EB0
45kW @ 64A	3VL2710-3DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
55kW @ 78A	3VL2716-3DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
75kW @ 106A	3VL2716-3DK33-0AA0	3RT1054-1AP36	50	3RB2056-1F..
90kW @ 128A	3VL2716-3DK33-0AA0	3RT1055-1AP36	50	3RB2056-1F..
110kW @ 156A	3VL3725-3DK33-0AA0	3RT1056-6AP36	50	3RB2066-1GC2
132kW @ 184A	3VL4731-3DK36-0AA0	3RT1065-6AP36	50	3RB2066-1GC2
160kW @ 224A	3VL5750-3DK36-0AA0	3RT1075-6AP36	50	3RB2066-1MC2
200kW @ 280A	3VL5750-3DK36-0AA0	3RT1075-6AP36	50	3RB2066-1MC2

Type-1 525V(+/-5%) Class 10 with standard Overload - (IE3 4-pole Motors)

Rating	MCCB	Contactor		Overload
250 - 355kW	3VL7712-2DE36-0AA0	3TF6844-0CM7	50	3RB2066-2MC2

https://support.industry.siemens.com

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Fuseless Load feeder selection tables - 500V + 10%

Type-2 525V(+/-5%) 50kA Class 10 with 3UF7 SIMOCODE - (IE3 4-pole Motors)

kW Rating	Circuit Breaker	Contactor (220V AC)	kA	Add Simocode BU or 3RB22
0.12 - 0.75	3RV2311-1CC10	3RT2015-1AP01	150	3UF71*0-1AA00-0 / 3RB2906-2BG1
1.1 - 1.5	3RV2311-1FC10	3RT2024-1AP00	100	3UF71*1-1AA00-0 / 3RB2906-2DG1
2.2 - 4	3RV2311-1JC10	3RT2026-1AP00		
5.5 - 11	3RV2321-4EC10	3RT2027-1AF00	100	
15 - 18.5	3RV2331-4VC10	3RT2036-1AP00	70	3UF71*2-1AA00-0 / 3RB2906-2JG1
22	3RV2331-4WC10	3RT2036-1AP00	70	
30	3RV1341-4LC10	3RT1045-1AP00	50	
37 - 45	3VL2710-3DK33-0AA0	3RT1054-1AP36	50	
55	3VL2716-3DK33-0AA0	3RT1054-1AP36	50	3UF71*3-1BA00-0 / 3RB2956-2TG2
75	3VL2716-3DK33-0AA0	3RT1055-6AP36	50	
90	3VL2716-3DK33-0AA0	3RT1056-6AP36	50	
110	3VL3725-3DK36-0AA0	3RT1064-6AP36	50	
132	3VL4731-3DK36-0AA0	3RT1066-6AP36	50	3UF71*4-1BA00-0 / 3RB2966-2TW2
160	3VL5750-3DK36-0AA0	3RT1075-6AP36	50	
200	3VL5750-3DK36-0AA0	3RT1075-6AP36	50	

Type-2 525V(+/-5%) 50kA Class 10 with 3UF7 SIMOCODE - (IE3 4-pole Motors)

Rating	MCCB	Contactor		Overload
250 - 400	3VL7712-2DE36-0AA0	3TF6844-0CM7	50	3UF71*4-1BA00-0 / 3RB2966-2TW2
500	3VL8716-2DE30-0AA0	3TF6944-0CM7	50	3UF1868-3GA00 + 3UF7100-1AA0/ 3UF1868-3GA00 + 3RB29 06-2BG1

https://support.industry.siemens.com

Technical Assistance :
http://support.automation.siemens.com
Share Call: 0860 80 80 80 (within RSA)
email: support.south-africa.automation@siemens.com
email: lvswitchgear.za@siemens.com

Fuseless Load feeder selection tables - 550V & 690V + 5%

Type-2 550V(+/-5%) 50kA Class 10 with 3RB22 / 3UF7 Electronic Overload - (IE3 4-pole Motors)

Rating kW	Circuit Breaker	AC)	kA	Add 3RB22 / 3UF7
0.37 - 0.55	3RV1353-6BP10	3RT1024-1AP00	50	3UF71*0-1AA00-0 / 3RB2906-2BG1
0.75 - 1.1	3RV1353-6DP10	3RT1026-1AP00	50	
1.5 - 11	3RV1353-6MM10	3RT1034-1AP00	50	3UF71*1-1AA00-0 / 3RB2906-2DG1
15 - 22	3RV1363-7AN10	3RT1054-1AF36	50	3UF71*2-1AA00-0 / 3RB2906-2JG1
30 - 45	3RV1363-7CN10	3RT1054-1AF36		3UF71*3-1BA00-0 / 3RB2956-2TG2
55	3RV1363-7EN10	3RT1055-6AF36		
75	3RV1363-7EN10	3RT1056-6AF36		
90	3RV1363-7EN10	3RT1056-6AF36		
110	3RV1373-7GN10	3RT1065-6AF36	50	3UF71*4-1BA00-0 / 3RB2966-2WH2
132	3RV1373-7GN10	3RT1065-6AF36	50	
160	3RV1373-7JN10	3RT1075-6AF36	50	
185	3RV1373-7JN10	3RT1075-6AF36	50	
200	3RV1373-7JN10	3RT1075-6AF36	50	
250	3RV1383-7KN10	3RT1076-6AF36	50	
280	3RV1383-7KN10	3RT1076-6AF36	50	

Type-2 690V (+/-5%) Class 10 with 3UF7 or 3RB22 Electronic overload - (IE3 4-pole Motors)

Rating @ 550V	Circuit Breaker	Contactor (220V AC)	kA	Add 3RB22 / 3UF7
0.37 - 0.75kW @ 1A	3RV2311-1BC10	3RT2015-1AP01	100	3UF71*0-1AA00-0 / 3RB2906-2BG1
1.1 - 7.5kW @ 9.8A	3RV2031-4TB10	3RT2035-1AP00	70	3UF71*1-1AA00-0 / 3RB2906-2DG1
11 - 18.5kW @ 25A	3RV2031-4VB10 + 3RV2331-4RC10	3RT2037-1AP00	70	3UF71*2-1AA00-0 / 3RB2906-2JG1
22kW @ 30A	3RV2031-4WB10 + 3RV2331-4RC10	3RT2037-1AP00	70	3UF71*2-1AA00-0 / 3RB2906-2JG1
30kW @ 40A	3RV1364-7AN10	3RT1055-6AP36	80	3UF71*3-1BA00-0 / 3RB2956-2TG2
37 - 55kW @ 71A	3RV1364-7CN10	3RT1055-6AP36	80	
75 - 90kW @ 116A	3RV1364-7EN10	3RT1064-6AP36	80	3UF71*4-1BA00-0 / 3RB2966-2WH2
110kW @ 142A	3RV1364-7EN10	3RT1064-6AP36	80	
132kW @ 167A	3RV1374-7GN10	3RT1065-6AP36	70	
160kW @ 204A	3RV1373-7JN10	3RT1075-6AP36	70	
200kW @ 255A	3RV1373-7JN10	3RT1075-6AP36	70	
250 - 280kW @ 372A	3RV1383-7KN10	3RT1076-6AP36	35	

Siemens Limited
Siemens Park
300 Janadel Avenue, Halfway House
Private Bag X71, Halfway House, 1685
Tel: 0860 80 80 80
email: lvswitchgear.za@siemens.com