Unit A3
Dakota Precinct
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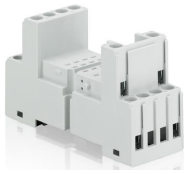
Issue 19 **February 2026**

Pluggable Interface Relays and Bases — CR-M Range (without LED's)

Part Number	Control Voltage	Number of Contacts	Contact Rating	Description	Order Code	Page Nr	ZAR Price
CR-M012DC2	12VDC	2 C/O (SPDT)	12A @ 250V	8 Pin Pluggable Relay	1SVR405611R4000	248	R146
CR-M024DC2	24VDC	2 C/O (SPDT)	12A @ 250V	8 Pin Pluggable Relay	1SVR405611R1000	248	R146
CR-M230AC2	230VAC	2 C/O (SPDT)	12A @ 250V	8 Pin Pluggable Relay	1SVR405611R3000	248	R171
CR-M012DC4	12VDC	4 C/O (SPDT)	6A @ 250V	14 Pin Pluggable Relay	1SVR405613R4000	248	R155
CR-M024DC4	24VDC	4 C/O (SPDT)	6A @ 250V	14 Pin Pluggable Relay	1SVR405613R1000	248	R155
CR-M230AC4	230VAC	4 C/O (SPDT)	6A @ 250V	14 Pin Pluggable Relay	1SVR405613R3000	248	R181

Notes Relays have a test flag function which can be latched. The flag is Green for DC or Orange for AC coils. Relay Bases are DIN 35 Rail Mounted. C/O can be paralleled to increase the Current Rating. Choose the CR-U Range if higher current rating is required.



Base for CR-M Relays

CR-M2SS	Blade Terminals	Standard Base for CR-M 2 C/O Relay	1SVR405651R1000	248	R91
CR-M4SS	Blade Terminals	Standard Base for CR-M 4 C/O Relay	1SVR405651R3000	248	R105

Pluggable Module Diode

CR-P/M 42B	24-60VDC	Pluggable module diode & Red LED	1SVR405652R4000	251	R64

Pluggable Interface Relays and Bases — CR-U Range (without LED's)

Part Number	Control Voltage	Number of Contacts	Contact Rating	Description	Order Code	Page Nr	ZAR Price
CR-U012DC2	12VDC	2 C/O (SPDT)	12A @ 250V	8 Pin Pluggable Relay	1SVR405621R4000	254	R219
CR-U024DC2	24VDC	2 C/O (SPDT)	12A @ 250V	8 Pin Pluggable Relay	1SVR405621R1000	254	R219
CR-U230AC2	230VAC	2 C/O (SPDT)	12A @ 250V	8 Pin Pluggable Relay	1SVR405621R3000	254	R232
CR-U012DC3	12VDC	3 C/O (SPDT)	10A @ 250V	11 Pin Pluggable Relay	1SVR405622R4000	254	R226
CR-U024DC3	24VDC	3 C/O (SPDT)	10A @ 250V	11 Pin Pluggable Relay	1SVR405622R1000	254	R226
CR-U230AC3	230VAC	3 C/O (SPDT)	10A @ 250V	11 Pin Pluggable Relay	1SVR405622R3000	254	R241

Notes Relays has a test flag function which can be latched. The flag is Green for DC or Orange for AC coils. Relay Bases are DIN 35 Rail Mounted. C/O can be paralleled to increase the Current Rating. Choose the CR-M Range if space is a consideration.

Base for CR-U Relays

CR-U2S	Round Pin Terminals	Standard Base for CR-U 2 C/O Relay	1SVR405670R0000	254	R109
CR-U3S	Round Pin Terminals	Standard Base for CR-U 3 C/O Relay	1SVR405660R0000	254	R112

Notes:

* More options on the relays are available on request, ie; CR-M/CR-U with LED and non standard coil voltages.
* For accessories on the relays or sockets please enquire with us, ie; diode, varistor, gold contacts etc.
* List of our T's & C's can be found on page 10 of 10.
* For more information on the relays and bases, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.

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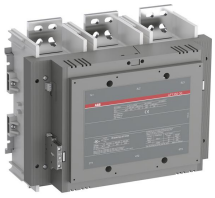
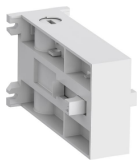


Part Number	Order Code	Auxiliary Contacts	Rating AC-3	AC-3	AC-1	Page Nr	ZAR Price
AF09-30-01-13	1SBL137001R1301	1 n/c only	4kW	9A	25A	270	R851
AF12-30-01-13	1SBL157001R1301	1 n/c only	5.5kW	12A	28A	270	R904
AF16-30-01-13	1SBL177001R1301	1 n/c only	7.5kW	16A	30A	270	R1 141
AF26-30-00-13	1SBL237001R1300		11kW	26A	45A	270	R1 489
AF30-30-00-13	1SBL277001R1300		15kW	30A	50A	270	R2 218
AF38-30-00-13	1SBL297001R1300		18.5kW	38A	50A	270	R2 610
AF40-30-00-13	1SBL347001R1300		18.5kW	40A	70A	270	R2 896
AF52-30-00-13	1SBL367001R1300		22kW	52A	100A	270	R3 058
AF65-30-00-13	1SBL387001R1300		30kW	65A	105A	270	R4 099
AF80-30-00-13	1SBL397001R1300		37kW	80A	125A	270	R5 211
AF96-30-00-13	1SBL407001R1300		45kW	96A	130A	270	R5 378
AF116-30-00-13	1SFL427001R1300		55kW	116A	160A	274	R5 618
AF140-30-00-13	1SFL447001R1300		75kW	140A	200A	274	R7 269
AF146-30-00-13	1SFL467001R1300		75kW	146A	225A	274	R7 702
AF190-30-00-13	1SFL487002R1300		90kW	190A	275A	274	R10 213
AF205-30-00-13	1SFL527002R1300		110kW	205A	350A	274	R12 103
AF265-30-00-13	1SFL547002R1300		132kW	265A	400A	274	R16 336
AF305-30-00-13	1SFL587002R1300		160kW	305A	500A	274	R18 916
AF370-30-00-13	1SFL607002R1300		200kW	370A	600A	274	R27 790
AF460-30-11	1SFL597001R7011	1 n/o + 1 n/c	250kW	460A	700A	277	R29 364
AF580-30-11	1SFL617001R7011	1 n/o + 1 n/c	315kW	580A	800A	277	R45 893
AF750-30-11	1SFL637001R7011	1 n/o + 1 n/c	400kW	750A	1050A	277	R55 073
AF1250-30-11	1SFL647001R7011	1 n/o + 1 n/c			1260A	277	R88 455
AF1350-30-11	1SFL657001R7011	1 n/o + 1 n/c	475kW	860A	1350A	277	R121 547
AF1650-30-11	1SFL677001R7011	1 n/o + 1 n/c	560kW	1060A	1650A	277	R150 094
AF2050-30-11	1SFL707001R7011	1 n/o + 1 n/c			2050A	277	R187 618
AF2650-30-11	1SFL667001R7011	1 n/o + 1 n/c			2650A	277	R365 855

Auxilliaries

Part Number	Order Code	Auxiliary Contacts	Fits Onto Contactors Size	Mounting Position	Page Nr	ZAR Price
CA4-10	1SBN010110R1010	1 n/o only	AF09 to AF96	Front	273	R84
CA4-01	1SBN010110R1001	1 n/c only	AF09 to AF96	Front	273	R84
CAL4-11	1SBN010120R1011	1 n/o + 1 n/c	AF09 to AF96	Side	273	R224
CAL19-11	1SFN010820R1011	1 n/o + 1 n/c	AF116 to AF370	Side	276	R300
CAL18-11	1SFN010720R1011	1 n/o + 1 n/c	AF400 to AF2650	Side	278	R313

Mechanical Interlocks



VM4	1SBN030105T1000		AF09 to AF38	Between	273	R187
VM96-4	1SBN033405T1000		AF40 to AF96	Between	273	R227
VM19	1SFN030300R1000		AF116 to AF370	Between	274	R1 260
VM750H	1SFN035700R1000		AF400 to AF1250	Between	278	R1 371
VM1650H	1SFN036503R1001		AF1350 to AF2650	Between	278	R4 386

Notes:

* More options of contactors are available. Contact our sales department for details, prices and stock availability.
* 12 and 24VDC rated control coil voltages are available on request, as well as 4 pole contactors.
* List of our T's & C's can be found on page 10 of 10.
* For more information on the contactors, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.

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SR201T Single Pole MCB's

Part Number	Rated Current	Rated kA @230VAC (Icu)	Rated kA @230VAC (Ics)	Rated Voltage AC	Order Code	Page Nr	ZAR Price
SR201T-C6	6A	3kA	3kA	230VAC	2CDS231070R0064	12	R67
SR201T-C10	10A	3kA	3kA	230VAC	2CDS231070R0104	12	R67
SR201T-C16	16A	3kA	3kA	230VAC	2CDS231070R0164	12	R67
SR201T-C20	20A	3kA	3kA	230VAC	2CDS231070R0204	12	R67
SR201T-C25	25A	3kA	3kA	230VAC	2CDS231070R0254	12	R67
SR201T-C32	32A	3kA	3kA	230VAC	2CDS231070R0324	12	R67
SR201T-C40	40A	3kA	3kA	230VAC	2CDS231070R0404	12	R67
SR201T-C50	50A	3kA	3kA	230VAC	2CDS231070R0504	12	R85
SR201T-C63	63A	3kA	3kA	230VAC	2CDS231070R0634	12	R85

SR202T Double Pole MCB's

Part Number	Rated Current	Rated kA @230VAC (Icu)	Rated kA @230VAC (Ics)	Rated Voltage AC	Order Code	Page Nr	ZAR Price
SR202T-C6	6A	3kA	3kA	400VAC	2CDS232070R0064	12	R159
SR202T-C10	10A	3kA	3kA	400VAC	2CDS232070R0104	12	R159
SR202T-C16	16A	3kA	3kA	400VAC	2CDS232070R0164	12	R159
SR202T-C20	20A	3kA	3kA	400VAC	2CDS232070R0204	12	R159
SR202T-C25	25A	3kA	3kA	400VAC	2CDS232070R0254	12	R159
SR202T-C32	32A	3kA	3kA	400VAC	2CDS232070R0324	12	R159
SR202T-C40	40A	3kA	3kA	400VAC	2CDS232070R0404	12	R159
SR202T-C50	50A	3kA	3kA	400VAC	2CDS232070R0504	12	R213
SR202T-C63	63A	3kA	3kA	400VAC	2CDS232070R0634	12	R213

SR203T Triple Pole MCB's

Part Number	Rated Current	Rated kA @230VAC (Icu)	Rated kA @230VAC (Ics)	Rated Voltage AC Only	Order Code	Page Nr	ZAR Price
SR203T-C6	6A	3kA	3kA	400VAC	2CDS233070R0064	13	R232
SR203T-C10	10A	3kA	3kA	400VAC	2CDS233070R0104	13	R232
SR203T-C16	16A	3kA	3kA	400VAC	2CDS233070R0164	13	R232
SR203T-C20	20A	3kA	3kA	400VAC	2CDS233070R0204	13	R232
SR203T-C25	25A	3kA	3kA	400VAC	2CDS233070R0254	13	R232
SR203T-C32	32A	3kA	3kA	400VAC	2CDS233070R0324	13	R232
SR203T-C40	40A	3kA	3kA	400VAC	2CDS233070R0404	13	R232
SR203T-C50	50A	3kA	3kA	400VAC	2CDS233070R0504	13	R316
SR203T-C63	63A	3kA	3kA	400VAC	2CDS233070R0634	13	R316

Notes:

* Four Pole units are available on request.
* Different Tripping Curve types are available on request.
* For 6 - 10kA, refer to page 3 of 10
* For more information on the miniature circuit breakers, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.
* For accessories on the MCB's please enquire with us.
* List of our T's & C's can be found on page 10 of 10.

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S201 Single Pole MCB's

Part Number	Rated Current	Rated kA @230VAC (Icu)	Rated kA @230VAC (Ics)	Rated Voltage AC & DC	Order Code	Page Nr	ZAR Price
S201-C2	2A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0024	14	R270
S201-C6	6A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0064	14	R199
S201-C10	10A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0104	14	R199
S201-C16	16A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0164	14	R199
S201-C20	20A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0204	14	R199
S201-C25	25A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0254	14	R206
S201-C32	32A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0324	14	R206
S201-C40	40A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0404	14	R206
S201-C50	50A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0504	14	R232
S201-C63	63A	10kA	7.5kA	230VAC-60VDC	2CDS251001R0634	14	R241
S201-C80	80A	6kA	6kA	230VAC-60VDC	2CDS251001R0804	14	R734
S201-C100	100A	6kA	6kA	230VAC-60VDC	2CDS251001R0824	14	R734

S202 Double Pole MCB's

Part Number	Rated Current	Rated kA @230VAC (Icu)	Rated kA @230VAC (Ics)	Rated Voltage AC & DC	Order Code	Page Nr	ZAR Price
S202-C2	2A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0024	14	R822
S202-C6	6A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0064	14	R698
S202-C10	10A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0104	14	R639
S202-C16	16A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0164	14	R639
S202-C20	20A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0204	14	R639
S202-C25	25A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0254	14	R731
S202-C32	32A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0324	14	R731
S202-C40	40A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0404	14	R731
S202-C50	50A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0504	14	R778
S202-C63	63A	10kA	7.5kA	400VAC-125VDC	2CDS252001R0634	14	R778
S202-C80	80A	6kA	6kA	400VAC-125VDC	2CDS252001R0804	14	R1 835
S202-C100	100A	6kA	6kA	400VAC-125VDC	2CDS252001R0824	14	R1 835

S203 Triple Pole MCB's

Part Number	Rated Current	Rated kA @230VAC (Icu)	Rated kA @230VAC (Ics)	Rated Voltage AC Only	Order Code	Page Nr	ZAR Price
S203-C2	2A	10kA	7.5kA	400VAC	2CDS253001R0024	14	R1 315
S203-C6	6A	10kA	7.5kA	400VAC	2CDS253001R0064	14	R991
S203-C10	10A	10kA	7.5kA	400VAC	2CDS253001R0104	14	R955
S203-C16	16A	10kA	7.5kA	400VAC	2CDS253001R0164	14	R955
S203-C20	20A	10kA	7.5kA	400VAC	2CDS253001R0204	14	R955
S203-C25	25A	10kA	7.5kA	400VAC	2CDS253001R0254	14	R965
S203-C32	32A	10kA	7.5kA	400VAC	2CDS253001R0324	14	R965
S203-C40	40A	10kA	7.5kA	400VAC	2CDS253001R0404	14	R965
S203-C50	50A	10kA	7.5kA	400VAC	2CDS253001R0504	14	R980
S203-C63	63A	10kA	7.5kA	400VAC	2CDS253001R0634	14	R1 006
S203-C80	80A	6kA	6kA	400VAC	2CDS253001R0804	14	R2 471
S203-C100	100A	6kA	6kA	400VAC	2CDS253001R0824	14	R2 471

Notes:

* Four Pole and Single Pole + N MCB's are available on request.
* Higher kA ratings are available on request.
* For 3kA, refer to page 4 of 10
* Accessories include auxiliaries, bridging bars, etc.
* For more information on the miniature circuit breakers, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.
* Different Tripping Curve types are available on request.
* For accessories on the MCB's please enquire with us.
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Part Number	Frame Size	Amp Rating	kA Rating	Tripping/Release Type	Page Nr	ZAR Price
1SDA066805R1	XT1	44-63A	18kA	TMD	60	R2 288
1SDA066806R1	XT1	56-80A	18kA	TMD	60	R2 547
1SDA066807R1	XT1	70-100A	18kA	TMD	60	R2 547
1SDA066808R1	XT1	88-125A	18kA	TMD	60	R2 911
1SDA066809R1	XT1	112-160A	18kA	TMD	60	R3 274
1SDA067016R1	XT2	44-63A	36kA	TMD	60	R4 978
1SDA067017R1	XT2	56-80A	36kA	TMD	60	R5 060
1SDA067018R1	XT2	70-100A	36kA	TMD	60	R5 060
1SDA067019R1	XT2	88-125A	36kA	TMD	60	R5 992
1SDA067020R1	XT2	112-160A	36kA	TMD	60	R6 069
1SDA068057R1	XT3	112-160A	36kA	TMD	61	R5 452
1SDA068058R1	XT3	140-200A	36kA	TMD	61	R5 583
1SDA068059R1	XT3	175-250A	36kA	TMD	61	R5 592
1SDA068090R1	XT4	140-200A	36kA	TMD	63	R9 165
1SDA068091R1	XT4	158-225A	36kA	TMD	63	R9 165
1SDA068092R1	XT4	175-250A	36kA	TMD	63	R9 165

Accessories **Auxiliary contacts (AUX)**

Part Number	Frame Size	Configuration C/O Contacts & Trip Contacts		Rated Voltage AC/DC	Page Nr	ZAR Price
1SDA066431R1	XT1 to XT6	1Q	1SY	250	71	R1 636
1SDA066433R1	XT1 to XT6	2Q	1SY	250	71	R1 925

Accessories **Motor Operators (MOE)**

Part Number	Frame Size	Motor Voltage		Page Nr	ZAR Price
1SDA066457R1	XT1 & XT3	24VDC	These motors bolt onto the front of the breaker to operate the lever. They are fitted with a toggle switch for Auto or Manual operation	71	R7 202
1SDA066460R1	XT1 & XT3	230VAC		71	R7 202
1SDA066463R1	XT2 & XT4	24VDC		71	R12 277
1SDA066466R1	XT2 & XT4	230VAC		71	R12 277

*Note - XT1 & XT3 motors are not suitable for synchronisation

Accessories **Shunts (SOR & UVR)**

Part Number	Frame Size	Rated Voltage	Type	Page Nr	ZAR Price
1SDA066322R1	XT1 to XT4	24VDC	Shunt Opening (SOR)	70	R1 867
1SDA066325R1	XT1 to XT4	230VAC	Shunt Opening (SOR)	70	R1 867
1SDA066399R1	XT1 & XT3	220-240VAC	Under Voltage Release (UVR)	71	R2 371
1SDA066400R1	XT1 & XT3	380-440VAC	Under Voltage Release (UVR)	71	R2 371

Accessories **Mechanical Interlocks (MIR)**

Part Number	Frame Size	Type	Description	Page Nr	ZAR Price
1SDA066637R1	XT1 to XT4	MIR-H	Horizontal Interlock Frame (1 req. per set)	73	R5 309
1SDA066639R1	XT1	Plate XT1 F	Interlock plate (1 req. per breaker)	73	R1 758
1SDA066641R1	XT2	Plate XT2 F	Interlock plate (1 req. per breaker)	73	R1 758
1SDA066643R1	XT3	Plate XT3 F	Interlock plate (1 req. per breaker)	73	R1 758
1SDA066645R1	XT4	Plate XT4 F	Interlock plate (1 req. per breaker)	73	R1 758

Notes:

* 4 Pole MCCB's are available on request.
* Higher and lower kA ratings available on request.
* List of our T's & C's can be found on page 10 of 10.
* For more information on the XT1 to XT4, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.

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Part Number	Frame Size	Amp Rating	kA Rating	Tripping/Release Type	Page Nr	ZAR Price
1SDA100344R1	XT5	224-320A	36kA	TMA	65	R13 525
1SDA100345R1	XT5	280-400A	36kA	TMA	65	R13 525
1SDA100346R1	XT5	350-500A	36kA	TMA	65	R18 863
1SDA100347R1	XT5	440-630A	36kA	TMA	65	R19 221
1SDA100353R1	XT5	128-320A	36kA	LS/I	65	R17 515
1SDA100354R1	XT5	160-400A	36kA	LS/I	65	R18 602
1SDA100355R1	XT5	252-630A	36kA	LS/I	65	R21 389
1SDA107561R1	XT6	252-630A	36kA	TMA	66	R27 438
1SDA100718R1	XT6	560-800A	36kA	TMA	66	R34 269
1SDA107562R1	XT6	252-630A	36kA	LS/I	66	R34 910
1SDA100719R1	XT6	320-800A	36kA	LS/I	66	R36 928
1SDA101366R1	XT7M	320-800A	50kA	LS/I	68	R40 446
1SDA101367R1	XT7M	400-1000A	50kA	LS/I	68	R42 493
1SDA101368R1	XT7M	500-1250A	50kA	LS/I	68	R49 413
1SDA101369R1	XT7M	640-1600A	50kA	LS/I	68	R57 396

Accessories **Auxiliary contacts (AUX)**

Part Number	Frame Size	Configuration C/O Contacts & Trip Contacts		Rated Voltage AC/DC	Page Nr	ZAR Price
1SDA066431R1	XT1 to XT6	1Q	1SY	250	71	R1 636
1SDA073750R1	E1.2 & XT7M	4Q	-	400	71	R931

Accessories **Motor Operators (MOE)**

Part Number	Frame Size	Motor Voltage		Page Nr	ZAR Price
1SDA104879R1	XT5	24VDC	These motors bolt onto the front of the breaker to operate the lever. They are fitted with a toggle switch for Auto or Manual operation	71	R15 996
1SDA104885R1	XT5	230VAC		71	R15 996
1SDA104889R1	XT6	24VDC		71	R18 171
1SDA104895R1	XT6	230VAC		71	R18 171
1SDA104919R1	XT7M	24VDC	These motors are internally fitted.	71	R10 218
1SDA104922R1	XT7M	230VAC		71	R10 218

Accessories **Shunts (YO, YC & YU)**

Part Number	Frame Size	Rated Voltage	Type	Page Nr	ZAR Price
1SDA104933R1	XT5 & XT6	24VDC	Shunt Opening (YO)	70	R1 288
1SDA104934R1	XT5 & XT6	230VAC	Shunt Opening (YO)	70	R1 288
1SDA104955R1	XT5 & XT6	24VDC	Undervoltage Release (YU)	70	R1 676
1SDA104958R1	XT5 & XT6	230VAC	Undervoltage Release (YU)	70	R1 676
1SDA073668R1	E1.2 to E6.2 & XT7M	24VDC	Shunt Opening (YO)	70	R3 086
1SDA073674R1	E1.2 to E6.2 & XT7M	230VAC	Shunt Opening (YO)	70	R4 408
1SDA073681R1	E1.2 to E6.2 & XT7M	24VDC	Shunt Closing (YC)	70	R3 086
1SDA073687R1	E1.2 to E6.2 & XT7M	230VAC	Shunt Closing (YC)	70	R3 086
1SDA073694R1	E1.2 to E6.2 & XT7M	24VDC	Under Voltage Release (YU)	70	R4 673
1SDA073700R1	E1.2 to E6.2 & XT7M	230VAC	Under Voltage Release (YU)	70	R4 673

Accessories **Mechanical Interlocks (MIR)**

Part Number	Frame Size	Description	Page Nr	ZAR Price
1SDA105117R1	XT5	Horizontal Interlock Frame (1 req. per set)	73	R3 214
1SDA105122R1	XT5	Interlock plate (1 req. per breaker)	73	R390
1SDA105118R1	XT6	Horizontal Interlock Frame (1 req. per set)	73	R8 893
1SDA105126R1	XT6	Interlock plate (1 req. per breaker)	73	R1 556
1SDA073881R1	E1.2 to E6.2 & XT7	Horizintal Cable Kit for Interlock (1 required per set)	73	R2 190
1SDA073894R1	E1.2 & XT7	Interlock plate (1 req. per breaker)	73	R4 212

Notes:

* 4 Pole MCCB's are available on request.
* Higher and lower kA ratings available on request.
* List of our T's & C's can be found on page 10 of 10.
* For more information on the XT5 to XT7, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.

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Part Number	Frame Size	Amp Rating	kA Rating	Tripping/Release Type	Page Nr	ZAR Price
1SDA062754R1	T7M	1000A	50kA	PR231/P-LS/I	88	R44 059
1SDA062882R1	T7M	1250A	50kA	PR231/P-LS/I	88	R51 234

Accessories **Auxiliary contacts (AUX)**

Part Number	Frame Size	Configuration C/O	Configuration & Trip Contacts	Rated Voltage AC/DC	Page Nr	ZAR Price
1SDA054911R1	T4 to T6N	3Q	1SY	250	89	R2 025

Accessories **Motor Operators (MOE)**

Part Number	Frame Size	Motor Voltage		Page Nr	ZAR Price
1SDA054897R1	T4N & T5N	230VAC	Motors are used to charge up a spring closing & opening mechanism. The closing operation takes less than 0.1 second. The opening operation is typically 1.5 seconds. This delayed time is acceptable for normal transfers but is too slow when synchronising. For synchronised switching, use shunt opening. The T7 cannot be motorised, only the T7M.	90	R15 529

Accessories **Shunts (SOR & UVR)**

Part Number	Frame Size	Rated Voltage	Type Of Release	Page Nr	ZAR Price
1SDA054870R1	T4 to T6N	24VDC	Shunt Opening (SOR)	89	R1 168
1SDA063552R1	T4 & T5N	220-240VAC	Under Voltage Release (UVR)	89	R2 147
1SDA062093R1	T7 & T7M	380-440VAC	Under Voltage Release (UVR)	89	R2 147

Accessories **Mechanical Interlocks (MIR)**

Part Number	Frame Size	Description	Page Nr	ZAR Price
1SDA054946R1	T4 & T5N	Horizontal interlock frame (1 req. per set)	91	R3 383
1SDA054948R1	T4 & T4N	Interlock plate T4 + T4 breakers (1 req. per set)	91	R1 642
1SDA060685R1	T6N	Horizontal interlock complete (1 req. per set)	91	R8 382
1SDA062127R1	T7 & T7M	Cable Kit for interlock (1 req. per set)	91	R1 233
1SDA062129R1	T7 & T7M	Plate for fixed unit (2 req. per set)	91	R3 868

Notes:
* End of range. Available for a limited time - Until stocks last.
* **NB** - Only the T7M can be motorised. The T7 can not be motorised.
* List of our T's & C's can be found on page 10 of 10.
* For more information on the Tmax, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.

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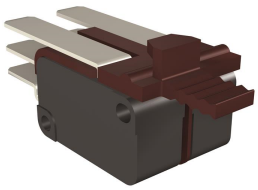
Part Number	Frame Size	Amp Rating	kA Rating	Tripping/Release Type	Page Nr	ZAR Price
1SDA070784R1	E1.2B	1000A	42kA	Ekip Touch LI	100	R43 593
1SDA070824R1	E1.2B	1250A	42kA	Ekip Touch LI	100	R47 401
1SDA070864R1	E1.2B	1600A	42kA	Ekip Touch LI	100	R48 042
1SDA071024R1	E2.2B	2000A	42kA	Ekip Touch LI	101	R64 568
1SDA071064R1	E2.2N	2500A	66kA	Ekip Touch LI	101	R90 970
1SDA071144R1	E4.2N	3200A	66kA	Ekip Touch LI	102	R102 410
1SDA071194R1	E4.2N	4000A	66kA	Ekip Touch LI	102	R122 892
1SDA071264R1	E6.2H	5000A	100kA	Ekip Touch LI	103	R330 720
1SDA071294R1	E6.2H	6300A	100kA	Ekip Touch LI	103	R449 322

NB! There are built-in auxiliaries(4 x C/O) on the Emax range.



Accessories **Auxiliary contacts (AUX)**

Part Number	Frame Size	Configuration C/O & Trip Contacts		Rated Voltage AC/DC	Page Nr	ZAR Price
1SDA073750R1	E1.2 & XT7M	4Q	-	400	111	R931
1SDA073753R1	E2.2 to E6.2	4Q	-	400	111	R4 096
1SDA073776R1	E1.2	-	1SY	250	111	R2 027
1SDA073778R1	E2.2 to E6.2	-	1SY	250	111	R2 027

Accessories **Motor Operators (MOE)**

Part Number	Frame Size	Motor Voltage	Page Nr	ZAR Price
1SDA073708R1	E1.2	24VDC	111	R19 586
1SDA073711R1	E1.2	230VAC	111	R19 586
1SDA073722R1	E2.2 to E6.2	24VDC	111	R20 430
1SDA073725R1	E2.2 to E6.2	230VAC	111	R20 430

Accessories **Shunts (YO, YC & YU)**

Part Number	Frame Size	Rated Voltage	Type	Page Nr	ZAR Price
1SDA073668R1	E1.2 to E6.2 & XT7M	24VDC	Shunt Opening (YO)	111	R3 086
1SDA073674R1	E1.2 to E6.2 & XT7M	230VAC	Shunt Opening (YO)	111	R4 408
1SDA073681R1	E1.2 to E6.2 & XT7M	24VDC	Shunt Closing (YC)	111	R3 086
1SDA073687R1	E1.2 to E6.2 & XT7M	230VAC	Shunt Closing (YC)	111	R3 086
1SDA073694R1	E1.2 to E6.2 & XT7M	24VDC	Shunt Undervoltage (YU)	111	R4 673
1SDA073700R1	E1.2 to E6.2 & XT7M	220-240VAC	Shunt Undervoltage (YU)	111	R4 673
1SDA073703R1	E1.2 to E6.2 & XT7M	380-400VAC	Shunt Undervoltage (YU)	111	R4 673

Accessories **Mechanical Interlocks (MIR)**

Part Number	Frame Size	Type	Description	Page Nr	ZAR Price
1SDA073881R1	E1.2 to E6.2 & XT7	A - Horizontal	Cable Kit (1 req. per set)	114	R2 190
1SDA073889R1	E2.2		Lever Kit (2 req. per set)	114	R4 627
1SDA073890R1	E4.2		Lever Kit (2 req. per set)	114	R5 584
1SDA073891R1	E6.2		Lever Kit (2 req. per set)	114	R5 584
1SDA073893R1	E1.2 & XT7	A - Floor Mounted	Interlock Support Kit (2 req. per set)	114	R6 017
1SDA073895R1	E2.2 to E6.2	A, B & D	Interlock Support Kit (2 req. per set)	114	R6 017

Notes:

* 4 pole, withdrawable and higher current rating ACB's are available on request.
* Refer to ABB 2023 Price Catalogue for specified page numbers.
* List of our T's & C's can be found on page 10 of 10.
* For more information on the Emax, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.

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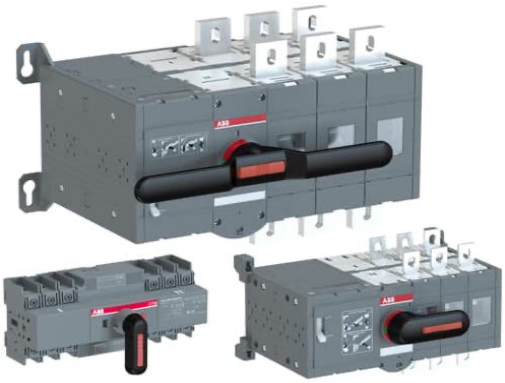

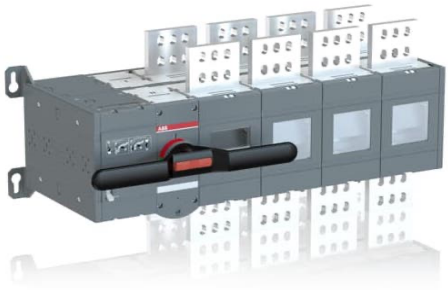

Part Number	Frame Sizes	Rated Current AC22A @ 400VAC	Rated Power AC22A @ 400VAC	Motor Voltage	Page Nr	ZAR Price
1SCA120096R1001	OTM40F3CMA230V	40A	27kVA	230VAC	131	R15 020
1SCA120095R1001	OTM63F3CMA230V	63A	43kVA	230VAC	131	R16 385
1SCA120093R1001	OTM80F3CMA230V	80A	55kVA	230VAC	131	R18 336
1SCA120071R1001	OTM100F3CMA230V	100A	70kVA	230VAC	131	R20 053
1SCA120070R1001	OTM125F3CMA230V	125A	86kVA	230VAC	131	R21 212
1SCA022845R8610	OTM160E3CM230V	160A	110kVA	230VAC	131	R24 524
1SCA022845R8960	OTM200E3CM230V	200A	135kVA	230VAC	131	R30 001
1SCA022845R9260	OTM250E3CM230V	250A	170kVA	230VAC	131	R30 255
1SCA022847R1210	OTM315E3CM230V	315A	215kVA	230VAC	131	R42 483
1SCA022847R1630	OTM400E3CM230V	400A	275kVA	230VAC	131	R50 175
1SCA103567R1001	OTM630E3CM230V	630A	435kVA	230VAC	132	R60 132
1SCA103570R1001	OTM800E3CM230V	800A	550kVA	230VAC	132	R75 795
1SCA112677R1001	OTM1000E3CM230V	1000A	680kVA	230VAC	132	R105 591
1SCA112676R1001	OTM1250E3CM230V	1250A	850kVA	230VAC	132	R114 303
1SCA112678R1001	OTM1600E3CM230V	1600A	1000kVA	230VAC	132	R148 194
1SCA112709R1001	OTM2000E3CM230V	2000A	1350kVA	230VAC	132	R223 703
1SCA112710R1001	OTM2500E3CM230V	2500A	1700kVA	230VAC	132	R230 091
1SCA022845R8110	OTM160E3CM24D	160A	110kVA	24VDC	133	R24 524
1SCA022845R8290	OTM200E3CM24D	200A	135kVA	24VDC	133	R30 001
1SCA022845R8370	OTM250E3CM24D	250A	170kVA	24VDC	133	R30 255
1SCA022847R0910	OTM315E3CM24D	315A	215kVA	24VDC	133	R42 483
1SCA022847R1390	OTM400E3CM24D	400A	275kVA	24VDC	133	R50 175
1SCA022873R1210	OTM630E3CM24D	630A	435kVA	24VDC	133	R60 132
1SCA022872R5910	OTM800E3CM24D	800A	550kVA	24VDC	133	R75 795
1SCA113672R1001	OTM1000E3CM24D	1000A	680kVA	24VDC	133	R105 591
1SCA113671R1001	OTM1250E3CM24D	1250A	850kVA	24VDC	133	R114 303
1SCA113673R1001	OTM1600E3CM24D	1600A	1000kVA	24VDC	133	R148 194
1SCA113695R1001	OTM2000E3CM24D	2000A	1350kVA	24VDC	133	R223 703
1SCA113696R1001	OTM2500E3CM24D	2500A	1700kVA	24VDC	133	R230 091

Accessories **Auxiliary contacts (AUX)**

Part Number	Frame Size Range	Auxiliary Contacts	Installation Side	Page Nr	ZAR Price
1SCA022353R4970	OTM40 to OTM3200	1 n/o	Right	136	R299
1SCA022353R4890	OTM40 to OTM3200	1 n/c	Right	136	R328

Depending on your electrical design, two auxilliaries may be required. One to indicate that the switch is in position I and another to indicate the switch is in position II. A maximum of 8(4 per switch) auxiliary blocks can be used on the OTM range 160A and above.

Accessories **Bridging Bars (3 per Set)**

Part Number	Frame Size Range	Type	Page Nr	ZAR Price
1SCA117037R1001	OTM40 to OTM125	OMZC03	137	1307
1SCA022767R6910	OTM160 to OTM250	OTZC13	138	R845
1SCA022767R7120	OTM315 to OTM400	OTZC23	138	R1 192
1SCA022785R7020	OTM630 to OTM800	OTZC33	138	R2 481
1SCA022868R0710	OTM1000 to OTM1250	OTZC43	138	R8 042
1SCA022868R0980	OTM1600	OTZC53	138	R11 913
1SCA022868R1100	OTM2000 to OTM2500	OTZC63	138	R22 834

Buying bridging bars negates the necessity of building bus bars or making electrical links connecting S1 and S2 on the load side of the switch.

Notes:

* OTM's with 230VAC rated motors are available on request.
* OTM's with 4-pole option are available on request.
* For more information on the OTM, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.
* OTM's with higher and lower Amperage ratings are available on request.
* List of our T's & C's can be found on page 10 of 10.

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Fuse Holder/Switch Disconnector

Part Number	Max Rated Current	Number of Poles	Width	Max Rated AC Voltage	Order Code	Page Nr	ZAR Price
E91/32	32A	1	18mm	690	2CSM200923R1801	11	R90
E93/32	32A	3	53mm	690	2CSM204753R1801	11	R363

Specification: IP20 rating. DIN Rail Mounted

Part Number	Rated Current	Fuses		ZAR Price
1038.01A	1A		All Fuses are 10 x 38mm and cylindrical in shape	R19
1038.02A	2A			R17
1038.04A	4A			R17
1038.06A	6A			R17
1038.08A	8A			R17
1038.10A	10A			R17
1038.12A	12A			R17
1038.16A	16A			R17
1038.20A	20A			R17
1038.25A	25A			R17
1038.32A	32A			R17
1038.N	N/A	Neutral Link		R15

Function: Fuses are used to protect equipment against overload and short-circuits.
The fuse blows when current flowing through it exceeds the rating.

Notes:

* Single Pole plus Neutral Fuse Holders are available on request.
* Triple Pole plus Neutral Fuse Holders are available on request.
* Photovoltaic type (1000V) Fuse Holders are available on request.
* 500V Fuses are to IEC269 Standards.
* For more information on the Fuse Holders, refer to the page number in the column above and then navigate to that page in the latest **ABB Electrification Products** catalogue.

Terms & Conditions:

1) All prices exclude VAT and are ex stores Germiston, Gauteng.
2) Items sold are subject to our standard trading conditions which are available on request.
3) All prices that appear on these lists are subject to change without notice. When placing orders, please confirm price and availability.
4) Check with sales that the current price list issue, appearing top left, is being used.
5) Hagar Distribution reserves the right to change the price of goods, based on supplier pricing changes, fluctuation of exchange rate and/or other factors.
6) ABB items listed in this price list are normally kept in stock. If any ABB low-voltage product is required, that is not in this price list, prices and availabilty will be offered. An upfront payment will be required in this case.
7) All goods remain the property of Hagar Distribution until payment in full is received.