

Moulded Case Circuit Breakers Three Pole with TMA & PR2xx Type Release. Only available in Fixed Version



| Part Number | Frame Size | Amp Rating | kA Rating | Tripping Method | ZAR Price |
|--------------|------------|------------|-----------|-----------------|-----------|
| 1SDA054117R1 | T4N | 320A | 36kA | PR221DS-LS/I | R10 918 |
| 1SDA054437R1 | T5N | 400A | 36kA | TMA | R9 347 |
| 1SDA054396R1 | T5N | 630A | 36kA | PR221DS-LS/I | R14 781 |
| 1SDA060214R1 | T6N | 800A | 36kA | TMA | R23 682 |
| 1SDA060268R1 | T6N | 800A | 36kA | PR221DS-LS/I | R25 520 |
| 1SDA062754R1 | T7M | 1000A | 50kA | PR231/P-LS/I | R31 931 |
| 1SDA062882R1 | T7M | 1250A | 50kA | PR231/P-LS/I | R37 131 |
| 1SDA063010R1 | T7M | 1600A | 50kA | PR231/P-LS/I | R43 130 |



| Accessories | | Auxiliary contacts (AUX) | | | ZAR Price |
|--------------|--------------|--|---------------------|-----------|-----------|
| Part Number | Frame Size | Configuration C/O Contacts & Trip Contacts | Rated Voltage AC/DC | ZAR Price | |
| 1SDA054910R1 | T4, T5 & T6N | 1Q | 1SY | 250 | R720 |
| 1SDA054911R1 | T4, T5 & T6N | 3Q | 1SY | 250 | R1 442 |
| 1SDA054912R1 | T4, T5 & T6N | 1Q | 1SY | 400 | R721 |
| 1SDA054913R1 | T4, T5 & T6N | 2Q | - | 400 | R721 |
| 1SDA062102R1 | T7 & T7M | 2Q | - | 400 | R367 |



| Accessories | | Motor Operators (MOE) | | | ZAR Price |
|--------------|------------|-----------------------|---|-----------|-----------|
| Part Number | Frame Size | Motor Voltage | Motors are used to charge up a spring closing and 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 two separate supplies. For synchronised switching, use shunt opening (shown below) in your design. | ZAR Price | |
| 1SDA054894R1 | T4 & T5N | 24VDC | | 11 054 | |
| 1SDA054897R1 | T4 & T5N | 230VAC | | 11 054 | |
| 1SDA060395R1 | T6N | 24VDC | | 12 557 | |
| 1SDA060398R1 | T6N | 230VAC | | 12 557 | |
| 1SDA062113R1 | T7M | 24VDC | | 7 679 | |
| 1SDA062116R1 | T7M | 230VAC | | 7 679 | |



| Accessories | | Shunts (SOR & UVR) | | | ZAR Price |
|--------------|--------------|--------------------|--------------------|-----------|-----------|
| Part Number | Frame Size | Rated Voltage | Type Of Release | ZAR Price | |
| 1SDA054870R1 | T4, T5 & T6N | 24VDC | Shunt Opening | R831 | |
| 1SDA054873R1 | T4, T5 & T6N | 230VAC | Shunt Opening | R831 | |
| 1SDA062065R1 | T7 & T7M | 24VDC | Shunt Opening | R1 606 | |
| 1SDA063548R1 | T7 & T7M | 230VAC | Shunt Opening | R1 711 | |
| 1SDA054891R1 | T4, T5 & T6N | 220-240VAC | Shunt Undervoltage | R1 147 | |
| 1SDA054892R1 | T4, T5 & T6N | 380-440VAC | Shunt Undervoltage | R1 147 | |
| 1SDA063552R1 | T4 & T5N | 220-240VAC | Shunt Undervoltage | R1 711 | |
| 1SDA062093R1 | T7 & T7M | 380-440VAC | Shunt Undervoltage | R1 711 | |



| Accessories | | Mechanical Interlocks (MIR) | | | ZAR Price |
|--------------|------------|-----------------------------|---|-----------|-----------|
| Part Number | Frame Size | Type | Description | ZAR Price | |
| 1SDA054946R1 | T4 & T5N | MIR-HB | Horizontal interlock frame (1 req per set) | R2 408 | |
| 1SDA054948R1 | T4 & T4N | MIR-P | Interlock plates for T4 + T4 breakers (1 req per set) | R1 204 | |
| 1SDA054951R1 | T5 & T5N | MIR-P | Interlock plates for T5 + T5 breakers (1 req per set) | R1 204 | |
| 1SDA060685R1 | T6N | MIR-HB | Horizontal interlock complete (1 req per set) | R6 146 | |
| 1SDA062127R1 | T7 & T7M | | Cable Kit for interlock (1 req per set) | R983 | |
| 1SDA062129R1 | T7 & T7M | | Plate for fixed unit (2 req per set) | R3 084 | |

Notes:

- * 4 Pole MCCB's are available on request.
- * For Tmax MCCB's, see pages 60 to 64 in the 2017-2018 ABB Price Catalogue.
- * For auxiliary contacts, see page 65 in the 2017-2018 ABB Price Catalogue.
- * For motor operators, see page 66 in the 2017-2018 ABB Price Catalogue.
- * For shunts, see page 65 in the 2017-2018 ABB Price Catalogue.
- * For mechanical interlocks, see page 67 in the 2017-2018 ABB Price Catalogue.