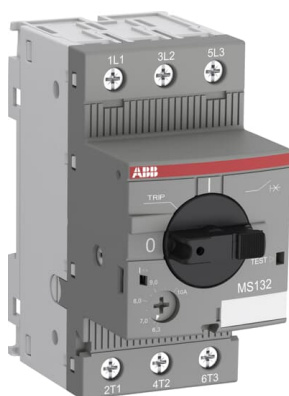


PRODUCT-DETAILS

# MS132-2.5

## MS132-2.5 Manual Motor Starter



### General Information

Extended Product Type	MS132-2.5
Product ID	1SAM350000R1007
EAN	4013614400070
Catalog Description	MS132-2.5 Manual Motor Starter

Long Description

The MS132-2.5 manual motor starter (also known as motor protection circuit breaker or manual motor protector) is a compact 45 mm width device with a rated operational current of  $I_e = 2.50$  A. This device is used to manually switch on and off motors and to protect them reliably and without the need for a fuse from short-circuits, overload and phase failures. The manual motor starter offers a rated service short-circuit breaking capacity  $I_{cs} = 100$  kA at 400 VAC and trip class 10. Further features are the build-in disconnect function, temperature compensation, trip-free mechanism and a rotary handle with a clear switch position indication. The manual motor starter is suitable for three- and single-phase applications. The handle is lockable to protect against unauthorized changes. Auxiliary contacts, signaling contacts, undervoltage releases, shunt trips, 3-phase bus bars, power in-feed blocks and terminal spacers are available as accessory.

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

### Popular Downloads

Data Sheet, Technical Information	2CDC131021D0202
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Instructions and Manuals	2CDC131022M6802
Instructions and Manuals (Part 2)	2CDC131060M0202
Time-Current Characteristic Curve	1SAM300505F0107
I <sup>2</sup> t Characteristic	1SAM300507F0001 1SAM300507F0003
Cut-off Current Characteristic	1SAM300508F0001 1SAM300508F0003
Dimension Diagram	1SAM300402F0001

## Dimensions

Product Net Width	45 mm
Product Net Height	90 mm
Product Net Depth / Length	86.75 mm
Product Net Weight	0.265 kg

## Technical

Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(230 V AC) 100 kA (250 V DC) 3 Poles in Series 10 kA (400 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (690 V AC) 100 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(230 V AC) 100 kA (400 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (690 V AC) 100 kA
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	31.3 A
Setting Range	1.6 ... 2.5 A
Rated Operational Power AC-3 (P <sub>e</sub> )	(400 V) Three Phase 0.75 kW
Rated Operational Power AC-3e (P <sub>e</sub> )	(400 V) Three Phase 0.75 kW
Rated Operational Voltage	Main Circuit 690 V AC Main Circuit 250 V DC
Rated Operational Current (I <sub>e</sub> )	2.5 A
Rated Operational Current AC-3 (I <sub>e</sub> )	2.5 A
Rated Operational Current AC-3e (I <sub>e</sub> )	2.5 A
Rated Operational Current DC-5 (I <sub>e</sub> )	2.5 A
Rated Frequency (f)	Main Circuit 50 Hz Main Circuit 60 Hz
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	Main Circuit 6 kV
Rated Insulation Voltage (U <sub>i</sub> )	690 V
Power Loss	at Rated Operating Conditions per Pole 0.7 ... 1.8 W
Number of Poles	3
Conventional Free-air Thermal Current (I <sub>th</sub> )	Main Circuit 2.5 A
Degree of Protection	Housing IP20