

MS325-2.5



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General Information

Extended Product Type:	MS325-2.5
Product ID:	1SAM150000R1007
EAN:	4013614195037
Catalog Description:	MS325-2.5 Manual Motor Starter
Long Description:	The MS325-2.5 manual motor starter is a 54 mm width devices with a rated operational current of $I_e = 2.5$ 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 V AC and the trip class 10A. 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. Auxiliary contacts, signalling contacts, undervoltage releases, shunt trips, 3-phase bus bars, power in-feed blocks and locking devices for protection against unauthorized changes are available as accessory.

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
Replacement Product ID (NEW):	1SAM350000R1007

Popular Downloads

Data Sheet, Technical Information:	2CDC131046D0201
Data Sheet, Technical Information (Part 2):	1SAM100513F0007
Instructions and Manuals:	2CDC131005M5703

Dimensions

Product Net Width:	54 mm
Product Net Height:	87.5 mm
Product Net Depth / Length:	75.5 mm
Product Net Weight:	0.34 kg

Technical

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(230 V AC) 100 kA (400 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (690 V AC) 40 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(230 V AC) 100 kA (400 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (690 V AC) 40 kA
Rated Instantaneous Short-Circuit Current Setting (I_i):	28.8 A
Setting Range:	1.6 ... 2.5 A
Rated Operational Power AC-3 (P_e):	(400 V) Three Phase 0.75 kW
Rated Operational Voltage:	Main Circuit 690 V AC Main Circuit 440 V DC
Rated Operational Current (I_e):	2.5 A
Rated Operational Current AC-3 (I_e):	2.5 A
Rated Frequency (f):	Main Circuit 50 Hz Main Circuit 60 Hz
Rated Impulse Withstand Voltage (U_{imp}):	Main Circuit 6 kV
Rated Insulation Voltage (U_i):	690 V
Power Loss:	at Rated Operating Conditions per Pole 0.9 ... 2.1 W
Number of Poles:	3
Conventional Free-air Thermal Current (I_{th}):	Main Circuit 2.5 A
Degree of Protection:	Housing IP20 Main Circuit Terminals IP20
Pollution Degree:	3
Electrical Durability:	50000 cycle
Mechanical Durability:	100000 cycle
Connecting Capacity Main Circuit:	Flexible with Ferrule 1/2x 0.75 ... 4 mm ² Flexible with Insulated Ferrule 1/2x 0.75 ... 4 mm ² Flexible 1/2x 1 ... 6 mm ² Rigid 1/2x 1 ... 6 mm ²
Tightening Torque:	Main Circuit 1.4 N·m
Wire Stripping Length:	Auxiliary Circuit 8 mm Main Circuit 10 mm
Recommended Screw Driver:	M3.5 Pozidriv 2