

PRODUCT-DETAILS

MS325-0.16-HKF11

MS325-0.16-HKF11 Manual Motor Starter



General Information

Extended Product Type	MS325-0.16-HKF11
Product ID	1SAM150005R0001
EAN	4013614302343
Catalog Description	MS325-0.16-HKF11 Manual Motor Starter

Long Description	The MS325-0.16-HKF11 manual motor starter is a 54 mm width devices with a rated operational current of $I_e = 0.16$ A and a pre-assembled front mounted auxiliary contact HKF1-11. 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 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.
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Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
Replacement Product ID (NEW)	1SAM350005R1001

Popular Downloads

Data Sheet, Technical	2CDC131046D0201
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Information	
Instructions and Manuals	2CDC131089M6801
Time-Current Characteristic Curve	1SAM100513F0001

	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
Mounting Position	1 ... 6
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Actuator Type	Rotary Handle
Contact Position Indication	ON / OFF
Standards	CSA 22.2 No. 14 IEC/EN 60947-1 IEC/EN 60947-2 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 508

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
Ampere Rating UL/CSA	0.16 A
Connecting Capacity Main Circuit UL/CSA	Flexible 1/2x 14-8 AWG Stranded 1/2x 14-8 AWG
Tightening Torque UL/CSA	Auxiliary Circuit 7 in·lb Main Circuit 14 in·lb

Environmental

Ambient Air Temperature	Around the Enclosure 0 ... +40 °C Operation -25 ... +50 °C Operation Compensated -25 ... +50 °C Storage -50 ... +80 °C
Ambient Air Temperature Compensation	Yes
Maximum Operating Altitude Permissible	2000 m
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 15g
Resistance to Vibrations acc. to IEC 60068-2-6	5g / 10 ... 150 Hz
RoHS Status	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

ATEX Certificate	1SAA918000-3903
BV Certificate	1SAA918000-0204
CB Certificate	1SAA918000-2002
CQC Certificate	CQC2017010307033534
cUL Certificate	cUL_E137861 cUL_E345003
Declaration of Conformity - CCC	2020980307003580
Declaration of Conformity - CE	1SAD938517-0003
Declaration of Conformity - UKCA	1SAD938501-1003
DNV Certificate	1SAA918000-0306

GL Certificate	1SAA918000-0403
Instructions and Manuals	2CDC131089M6801
LR Certificate	1SAA918000-0503
RINA Certificate	1SAA918000-0803
RMRS Certificate	1SAA918000-0704
RoHS Information	1SAD938511-0056
Time-Current Characteristic Curve	1SAM100513F0001
UL Certificate	UL_E137861 UL_E345003

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	92 mm
Package Level 1 Depth / Length	58 mm
Package Level 1 Height	78 mm
Package Level 1 Gross Weight	0.33 kg
Package Level 1 EAN	4013614302343
Package Level 2 Units	carton 24 piece
Package Level 2 Width	280 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Height	210 mm
Package Level 2 Gross Weight	7.22 kg
Package Level 2 EAN	4013614494673

Classifications

Object Classification Code	F
ETIM 4	EC000074 - Motor protective circuit-breaker
ETIM 5	EC000074 - Motor protective circuit-breaker
ETIM 6	EC000074 - Motor protection circuit-breaker
ETIM 7	EC000074 - Motor protection circuit-breaker
eClass	V11.0 : 27370401
UNSPSC	39121521
IDEA Granular Category Code (IGCC)	4845 >> 3 Pole Motor Circuit Protector Circuit Breakers

Categories

Low Voltage Products and Systems → Circuit Breakers → Manual Motor Starters

Low Voltage Products and Systems → Control Products → Manual Motor Starters → Manual Motor Starters

