

PRODUCT-DETAILS

MS325-2.5

MS325-2.5 Manual Motor Starter



Informations générales

Extension du type de produit	MS325-2.5
Code de produit	1SAM150000R1007
EAN	4013614195037
Description courte	MS325-2.5 Manual Motor Starter

Description longue	<p>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 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.</p>
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Commande

Quantité minimum	1 pièce
Code douanier	85362010
Replacement Product ID (NEW)	1SAM350000R1007

Downloads Préférés

Fiche produit, informations techniques	2CDC131046D0201
Instructions et manuels	2CDC131089M6801
Time-Current Characteristic Curve	1SAM100513F0007

Dimensions

Produit Largeur Net	54 mm
Produit Hauteur Net	87.5 mm
Produit Longueur Net	75.5 mm
Poids net	0.34 kg

Technique

Pouvoir assigné de coupure de service en court-circuit (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
Pouvoir assigné de coupure ultime en court-circuit (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
Courant assigné instantané de réglage de court-circuit (I_i)	28.8 A
Setting Range	1.6 ... 2.5 A
Puissance assignée d'emploi AC-3 (P_e)	(400 V) Three Phase 0.75 kW
Tension	Circuit principal 690 V AC Circuit principal 440 V DC
Rated Operational Current (I_e)	2.5 A
Courant assignée d'emploi AC-3 (I_e)	2.5 A
Fréquence assignée (f)	Circuit principal 50 Hz Circuit principal 60 Hz
Tension assignée de tenue aux chocs (U_{imp})	Circuit principal 6 kV
Tension assignée d'isolement (U_i)	690 V
Power Loss	at Rated Operating Conditions per Pole 0.9 W
Nombre de pôles	3
Courant thermique conventionnel à l'air libre (I_{th})	Main Circuit 2.5 A
Indice de protection	Housing IP20 Main Circuit Terminals IP20
Degré de pollution	3
Electrical Durability	50000 cycle

Durabilite mecanique	100000 cycle
Terminal Type	Screw Terminals
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
Type d'encastrement	Position 1 to 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
Normes et standards	IEC/EN 60947-1 IEC/EN 60947-2 IEC/EN 60947-4-1 UL 60947-1 UL 60947-4-1

Technique UL/CSA

Maximum Operating Voltage UL/CSA	Circuit principal 600 V AC
Ampere Rating UL/CSA	2.5 A
Horsepower Rating UL/CSA	(220 ... 240 V AC) Three Phase 0.5 Hp (440 ... 480 V AC) Three Phase 1 Hp (550 ... 600 V AC) Three Phase 1.5 Hp
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

Environnement

Température de l'air ambiant	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 2002/95/EC August 18, 2005 and amendment

Certificats et Déclarations (Numéro de document)

Certificat ATEX	1SAA918000-3903
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BV Certificate	1SAA918000-0205
CB Certificate	1SAA918000-2003
CQC Certificate	CQC2017010307033534
cUL Certificate	cUL_E137861 cUL_E345003
Declaration of Conformity - CCC	2020980307003580
Déclaration de Conformité - CE	1SAD938517-0003
Declaration of Conformity - UKCA	1SAD938500-1003
DNV Certificate	1SAA918000-0306
GL Certificate	1SAA918000-0403
GOST Certificate	1SAA918000-2703
Instructions et manuels	2CDC131089M6801
LR Certificate	1SAA918000-0504
RINA Certificate	1SAA918000-0803
RMRS Certificate	1SAA918000-0704
RoHS Information	1SAD938514-0003
Time-Current Characteristic Curve	1SAM100513F0007
UL Certificate	UL_E137861 UL_E345003

Emballage

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Largeur	92 mm
Emballage Niveau 1 Longueur	58 mm
Emballage Niveau 1 Hauteur	78 mm
Emballage Niveau 1 Poids	0.37 kg
Emballage Niveau 1 EAN	4013614195037
Emballage Niveau 2 Unités	carton 24 pièce
Emballage Niveau 2 Largeur	280 mm
Emballage Niveau 2 Longueur	395 mm
Emballage Niveau 2 Hauteur	210 mm
Emballage Niveau 2 Poids	8.18 kg
Emballage Niveau 2 EAN	4013614494451

Classifications

Object Classification Code	F
ETIM 4	EC000074 - Motor protective circuit-breaker
ETIM 5	EC000074 - Motor protective circuit-breaker

ETIM 6	EC000074 - disjoncteur/démarreur de moteur
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
E-Number (Finland)	3707057

Catégories

Produits basse tension → Disjoncteurs de puissance → Disjoncteurs-moteurs

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Disjoncteurs-moteurs → Disjoncteurs-moteurs

