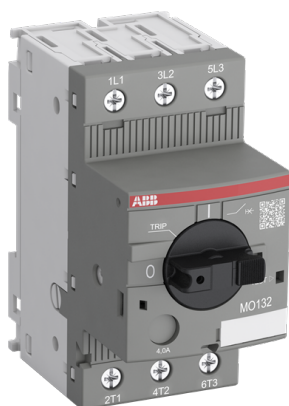


PRODUCT-DETAILS

MO132-1.6

MO132-1.6 Manual Motor Starter Magnetic Only



Informações gerais

Tipo de produto alargado	MO132-1.6
ID do produto	1SAM360000R1006
EAN	4013614400216
Descrição do catálogo	MO132-1.6 Manual Motor Starter Magnetic Only

Descrição longa	The MO132-1.6 manual motor starter magnetic only is a compact 45 mm width device with a rated operational current of $I_e = 1.60$ A. This device is used to manually switch on and off loads/motors and to protect them reliably and without the need for a fuse from short-circuits. The manual motor starter offers a rated service short-circuit breaking capacity $I_{cs} = 100$ kA at 400 V AC. A combination together with overload relays or motor controllers allows the protection of motors. Further features are the built-in disconnect function, trip-free mechanism and a rotary handle with a clear switch position indication. The manual motor starter magnetic only is suitable for three- and single-phase applications. The handle is lockable to protect against unauthorized changes. Auxiliary contacts, signalling contacts, undervoltage releases, shunt trips, 3-phase bus bars, power in-feed blocks are available as accessory.
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Ordering

Quantidade Mínima de Encomenda	1 piece
Número de tarifa aduaneira	85362010

Popular Downloads

Ficha de dados,	2CDC131035D0202
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informação técnica

Instruções e Manuais	2CDC131034M6801
Instruções e Manuais (Parte 2)	2CDC131060M0202
Time-Current Characteristic Curve	1SAM300515F0005
I ² t Characteristic	1SAM300507F0001 1SAM300507F0003
Cut-off Current Characteristic	1SAM300508F0001 1SAM300508F0003
Diagrama de medidas	1SAM300402F0001

Dimensions

Largura Líquida do Produto	45 mm
Altura Líquida do Produto	90 mm
Profundidade/Comprimento Líquidos do Produto	86.75 mm
Peso Líquido do Produto	0.265 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) 100 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) 100 kA
Rated Instantaneous Short-Circuit Current Setting (I _i)	20 A
Setting Range	None
Rated Operational Power AC-3 (P _e)	(400 V) Three Phase 0.55 kW
Rated Operational Power AC-3e (P _e)	(400 V) Three Phase 0.55 kW
Tensão operacional nominal	Main Circuit 690 V AC
Corrente operacional nominal (I _e)	1.6 A
Rated Operational Current AC-3 (I _e)	1.6 A
Rated Operational Current AC-3e (I _e)	1.6 A
Frequência nominal (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 1.7 W
Número de polos	3
Conventional Free-air Thermal Current (I _{th})	Main Circuit 1.6 A
Grau de proteção	Housing IP20 Main Circuit Terminals IP10

Pollution Degree	3
Electrical Durability	50000 cycle
Mechanical Durability	100000 cycle
Tipo de terminal	Screw Terminals
Connecting Capacity Main Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible 1/2x 0.75 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²
Binário de aperto	Main Circuit 0.8 ... 1.2 N·m
Wire Stripping Length	Main Circuit 9 mm
Recommended Screw Driver	Pozidriv 2
Posição de montagem	1 ... 6
Montagem na calha DIN	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
Minimum Mounting Distance	Electrical Conductive Board, Horizontal - Up to 400 V 0 mm Electrical Conductive Board, Horizontal - Up to 690 V 1.5 mm Electrical Conductive Board, Vertical 75 mm Other Device Same Type, Horizontal 0 mm Other Device Same Type, Vertical 150 mm
Actuator Type	Rotary Handle
Contact Position Indication	ON / OFF / TRIP
Normas	IEC/EN 60947-1 IEC/EN 60947-2 IEC/EN 60947-4-1 UL 60947-1 UL 60947-4-1
Observações	For overload protection of the motors, an appropriate thermal or electronic overload relays must be used

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	Any UL Listed Fuses or Circuit-Breakers, Group Installations (480 V AC) 65 kA Any UL Listed Fuses or Circuit-Breakers, Group Installations (600 V AC) 47 kA Any UL Listed Fuses or Circuit-Breakers, Motor Disconnect (480 V AC) 65 kA Any UL Listed Fuses or Circuit-Breakers, Motor Disconnect (600 V AC) 47 kA Any UL Listed Fuses or Circuit-Breakers, Tap Conductor Protection in Group Installations (480Y / 277 V AC) 65 kA Any UL Listed Fuses or Circuit-Breakers, Tap Conductor Protection in Group Installations (600Y / 347 V AC) 47 kA
Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
Classificação de potência UL/CSA	(440 ... 480 V AC) Three Phase 0.75 Hp (550 ... 600 V AC) Three Phase 0.75 Hp
Full Load Amps Motor Use	(200 V AC) Three Phase 1.6 A (208 V AC) Three Phase 1.6 A (220 ... 240 V AC) Three Phase 1.6 A (440 ... 480 V AC) Three Phase 1.6 A
Locked Rotor Amps	(200 V AC) Three Phase 9.6 A (208 V AC) Three Phase 9.6 A (220 ... 240 V AC) Three Phase 9.6 A (440 ... 480 V AC) Three Phase 9.6 A (550 ... 600 V AC) Three Phase 9.6 A
General Use Rating UL/CSA	(600 V AC) 1.6 A
Connecting Capacity Main Circuit UL/CSA	Flexible 1/2x 16-12 AWG Stranded 1/2x 16-12 AWG
Tightening Torque UL/CSA	Main Circuit 10 in·lb

Environmental

Temperatura do ar ambiente	Around the Enclosure 0 ... +40 °C Operation -25 ... +60 °C Storage -50 ... +80 °C
Ambient Air Temperature Compensation	No
Altitude de operação máxima permissível	2000 m
Resistência ao Choque de acordo com IEC 60068-2-27	11 ms Pulse 25g
Resistance to Vibrations acc. to IEC 60068-2-6	5g / 3 ... 150 Hz
Estado RoHS	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

Certificado ABS	1SAA963001-0101
Certificado BV	1SAA963001-0202
CB Certificate	1SAA963002-2002
CQC Certificate	CQC2010010307387700
Certificado cUL	cUL_E137861 cUL_E345003
Certificado cULus	cUL_E137861
Cut-off Current Characteristic	1SAM300508F0001 1SAM300508F0003
Declaration of Conformity - CCC	2020980307003526
Declaração de conformidade -CE	1SAD101100-3403
Declaration of Conformity - UKCA	1SAD201100-3403
DNV GL Certificate	1SAA963001-0304
EAC Certificate	1SAA963000-2701
Informação ambiental	1SAC200049H0009
I ² t Characteristic	1SAM300507F0001 1SAM300507F0003
Instruções e Manuais	2CDC131034M6801
Instruções e Manuais (Parte 2)	2CDC131060M0202
KC Certificate	1SAA963002-1502
Certificado LR	1SAA963001-0502
Certificado RINA	1SAA963002-0802
Certificado RMRS	1SAA918000-0704
Informação RoHS	1SAD938505-0183
Time-Current Characteristic Curve	1SAM300515F0005
Certificado UL	UL_E137861 UL_E345003

Container Information

Unidades de embalagem Nível 1	box 1 piece
Largura da embalagem Nível 1	92 mm
Profundidade/Comprimento da embalagem Nível 1	95 mm

Altura da embalagem Nível 1	50 mm
Peso bruto da embalagem Nível 1	0.28 kg
Nível de Embalagem 1 EAN	4013614400216
Unidades de embalagem Nível 2	carton 40 piece
Largura da embalagem Nível 2	280 mm
Profundidade/Comprimento da embalagem Nível 2	395 mm
Altura da embalagem Nível 2	210 mm
Peso bruto da embalagem Nível 2	11.586 kg
Nível de Embalagem 2 EAN	4013614443664

Classifications

Código de classificação do objeto	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
ETIM 8	EC000074 - Motor protection circuit-breaker
eClass	V11.0 : 27370401
UNSPSC	39121521
Código de Categoria Granular IDEA (IGCC)	4845 >> 3 Pole Motor Circuit Protector Circuit Breakers
E-Number (Finland)	3705884
E-Number (Sweden)	3110034

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
1SAM201901R1001	HKF1-11 Auxiliary Contact	HKF1-11	1	piece
1SAM201901R1201	HKF1-11K Auxiliary Contact	HKF1-11K	1	piece
1SAM201901R1002	HKF1-20 Auxiliary Contact	HKF1-20	1	piece
1SAM201901R1202	HKF1-20K Auxiliary Contact	HKF1-20K	1	piece
1SAM201901R1004	HKF1-01 Auxiliary Contact	HKF1-01	1	piece
1SAM201901R1003	HKF1-10 Auxiliary Contact	HKF1-10	1	piece
1SAM201902R1002	HK1-20 Auxiliary Contact	HK1-20	1	piece
1SAM201902R1202	HK1-20K Auxiliary Contact	HK1-20K	1	piece
1SAM201902R1001	HK1-11 Auxiliary Contact	HK1-11	1	piece
1SAM201902R1201	HK1-11K Auxiliary Contact	HK1-11K	1	piece
1SAM201902R1003	HK1-02 Auxiliary Contact	HK1-02	1	piece
1SAM201902R1203	HK1-02K Auxiliary Contact	HK1-02K	1	piece
1SAM201902R1004	HK1-20L Auxiliary Contact	HK1-20L	1	piece
1SAM201902R1204	HK1-20LK Auxiliary Contact	HK1-20LK	1	piece
1SAM201903R1002	SK1-20 Signaling Contact	SK1-20	1	piece
1SAM201903R1202	SK1-20K Signaling Contact	SK1-20K	1	piece
1SAM201903R1001	SK1-11 Signaling Contact	SK1-11	1	piece
1SAM201903R1201	SK1-11K Signaling Contact	SK1-11K	1	piece
1SAM201903R1003	SK1-02 Signaling Contact	SK1-02	1	piece

1SAM201903R1203	SK1-02K Signaling Contact	SK1-02K	1	piece
1SAM201910R1001	AA1-24 Shunt Trip	AA1-24	1	piece
1SAM201910R1002	AA1-110 Shunt Trip	AA1-110	1	piece
1SAM201910R1003	AA1-230 Shunt Trip	AA1-230	1	piece
1SAM201910R1004	AA1-400 Shunt Trip	AA1-400	1	piece
1SAM201904R1010	UA1-20 Undervoltage Release	UA1-20	1	piece
1SAM201904R1001	UA1-24 Undervoltage Release	UA1-24	1	piece
1SAM201904R1002	UA1-48 Undervoltage Release	UA1-48	1	piece
1SAM201904R1003	UA1-60 Undervoltage Release	UA1-60	1	piece
1SAM201904R1004	UA1-110 Undervoltage Release	UA1-110	1	piece
1SAM201904R1008	UA1-208 Undervoltage Release	UA1-208	1	piece
1SAM201904R1005	UA1-230 Undervoltage Release	UA1-230	1	piece
1SAM201904R1006	UA1-400 Undervoltage Release	UA1-400	1	piece
1SAM201904R1007	UA1-415 Undervoltage Release	UA1-415	1	piece
1SAM201904R1009	UA1-575 Undervoltage Release	UA1-575	1	piece
1SAM201906R1102	PS1-2-0-65 Busbar	PS1-2-0-65	1	piece
1SAM201906R1112	PS1-2-1-65 Busbar	PS1-2-1-65	1	piece
1SAM201906R1122	PS1-2-2-65 Busbar	PS1-2-2-65	1	piece
1SAM201916R1103	PS1-3-0-100 Busbar	PS1-3-0-100	1	piece
1SAM201906R1103	PS1-3-0-65 Busbar	PS1-3-0-65	1	piece
1SAM201916R1113	PS1-3-1-100 Busbar	PS1-3-1-100	1	piece
1SAM201906R1113	PS1-3-1-65 Busbar	PS1-3-1-65	1	piece
1SAM201916R1123	PS1-3-2-100 Busbar	PS1-3-2-100	1	piece
1SAM201906R1123	PS1-3-2-65 Busbar	PS1-3-2-65	1	piece
1SAM201916R1104	PS1-4-0-100 Busbar	PS1-4-0-100	1	piece
1SAM201906R1104	PS1-4-0-65 Busbar	PS1-4-0-65	1	piece
1SAM201916R1114	PS1-4-1-100 Busbar	PS1-4-1-100	1	piece
1SAM201906R1114	PS1-4-1-65 Busbar	PS1-4-1-65	1	piece
1SAM201906R1124	PS1-4-2-65 Busbar	PS1-4-2-65	1	piece
1SAM201916R1105	PS1-5-0-100 Busbar	PS1-5-0-100	1	piece
1SAM201906R1105	PS1-5-0-65 Busbar	PS1-5-0-65	1	piece
1SAM201916R1115	PS1-5-1-100 Busbar	PS1-5-1-100	1	piece
1SAM201906R1115	PS1-5-1-65 Busbar	PS1-5-1-65	1	piece
1SAM201906R1125	PS1-5-2-65 Busbar	PS1-5-2-65	1	piece
1SAM201907R1101	S1-M1-25 Power Infeed Block	S1-M1-25	1	piece
1SAM201907R1102	S1-M2-25 Power Infeed Block	S1-M2-25	1	piece
1SAM201907R1103	S1-M3-25 Power Infeed Block	S1-M3-25	1	piece
1SAM201913R1103	S1-M3-35 Power Infeed Block	S1-M3-35	1	piece
1SAM201914R1002	S1-PB1-25 Power Infeed Block	S1-PB1-25	1	piece
1SAM301911R1001	TS1-M3-S1 Terminal Spacer	TS1-M3-S1	1	piece
1SAM301912R1001	TS1-M3-S2 Terminal Spacer	TS1-M3-S2	1	piece
1SAM201914R1001	PB1-1-32 Connecting Link	PB1-1-32	1	piece
1SAM201908R1001	BS1-3 Protection Cover	BS1-3	1	piece
1SAM201909R1001	FS116 Screw Fixing Kit	FS116	1	piece
GJF1101903R0002	SA2 Terminals and Installation Material	SA2	1	piece
1SAM201911R1012	IB132-F Enclosure	IB132-F	1	piece
1SAM201911R1010	IB132-G Enclosure	IB132-G	1	piece
1SAM201911R1011	IB132-Y Enclosure	IB132-Y	1	piece
1SAM201912R1010	DMS132-G Door Mounting Kit	DMS132-G	1	piece
1SAM201912R1011	DMS132-Y Door Mounting Kit	DMS132-Y	1	piece
1SAM201909R1021	MSAH1 Shaft Supporter	MSAH1	1	piece
1SAM201920R1011	MSHD-LTB Handles	MSHD-LTB	1	piece
1SAM201920R1012	MSHD-LTY Handles	MSHD-LTY	1	piece
1SAM201920R1000	MSH-AR Shaft Alignment Ring	MSH-AR	1	piece
1SAM101923R0002	MSMN Driver	MSMN	1	piece
1SAM101923R0012	MSMNO Driver	MSMNO	1	piece
1SCA101647R1001	OXS6X85 SHAFT	OXS6X85	1	piece

1SCA108043R1001	OXS6X105 SHAFT	OXS6X105	1	piece
1SCA101655R1001	OXS6X130 SHAFT	OXS6X130	1	piece
1SCA101659R1001	OXS6X180 SHAFT	OXS6X180	1	piece

Categorias

Produtos e Sistemas de Baixa Tensão → Disjuntores → Disjuntores motor

Produtos e Sistemas de Baixa Tensão → Produtos para controle → Disjuntores motor → Disjuntores motor

