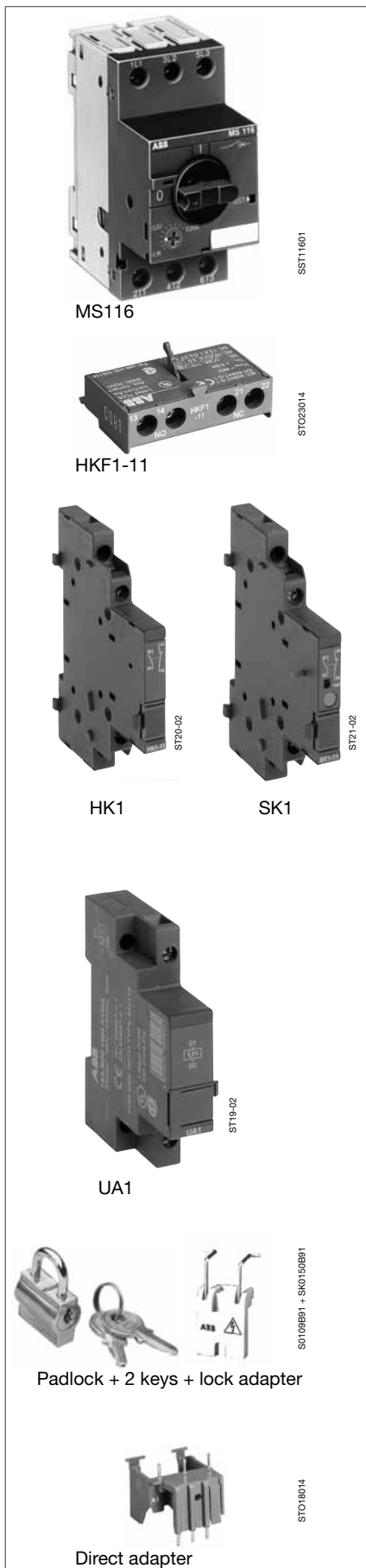


Manual Motor Starter MS116

Accessories

Ordering details



Type	Setting range	Order code	Weight/ piece kg	Packing Unit piece
	A...A			

MS116 with thermal and electromagnetic trips, short-circuit-proof up to 50 kA

MS116 - 0.16	0.10 ... 0.16	1SAM 250 000 R1001	0.268	1
MS116 - 0.25	0.16 ... 0.25	1SAM 250 000 R1002	0.268	1
MS116 - 0.4	0.25 ... 0.40	1SAM 250 000 R1003	0.268	1
MS116 - 0.63	0.40 ... 0.63	1SAM 250 000 R1004	0.268	1
MS116 - 1.0	0.63 ... 1.00	1SAM 250 000 R1005	0.268	1
MS116 - 1.6	1.00 ... 1.60	1SAM 250 000 R1006	0.268	1
MS116 - 2.5	1.60 ... 2.50	1SAM 250 000 R1007	0.268	1
MS116 - 4	2.50 ... 4.00	1SAM 250 000 R1008	0.268	1
MS116 - 6.3	4.00 ... 6.30	1SAM 250 000 R1009	0.268	1
MS116 - 10.0	6.30 ... 10.00	1SAM 250 000 R1010	0.268	1
MS116 - 12.0	8.00 ... 12.00	1SAM 250 000 R1012	0.268	1
MS116 - 16.0	10.00 ... 16.00	1SAM 250 000 R1011	0.268	1

Accessories

Type	Order code	Packing Unit piece
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Auxiliary switches, for front mounting ①

HKF1-11	1 NO + 1 NC	1SAM 201 901 R1001	10
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Auxiliary switches with lead contacts, also to use with undervoltage release

HK1-20L	2 NO lead contacts	1SAM 201 902 R1004	2
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Auxiliary switches, lateral attachment at right

HK1-11	1 NO + 1 NC	1SAM 201 902 R1001	2
HK1-20	2 NO	1SAM 201 902 R1002	2
HK1-02	2 NC	1SAM 201 902 R1003	2

Shunt release, lateral mounting at the left side

AA1-24	24 V, 50/60 Hz	1SAM 201 910 R1001	1
AA1-110	110 V, 50/60 Hz	1SAM 201 910 R1002	1
AA1-230	200-240 V, 50/60 Hz	1SAM 201 910 R1003	1
AA1-400	350-415 V, 50/60 Hz	1SAM 201 910 R1004	1

Signal switch for general "tripped" signal, lateral attachment at right

SK1-11	1 NO + 1 NC	1SAM 201 903 R1001	2
SK1-20	2 NO	1SAM 201 903 R1002	2
SK1-02	2 NC	1SAM 201 903 R1003	2

Undervoltage release, lateral attachment at left

UA1-24	24 V, 50 Hz	1SAM 201 904 R1001	1
UA1-48	48 V, 50 Hz	1SAM 201 904 R1002	1
UA1-60	60 V, 50 Hz	1SAM 201 904 R1003	1
UA1-120	110 V 50 Hz/120 V 60 Hz	1SAM 201 904 R1004	1
UA1-208	208 V, 60 Hz	1SAM 201 404 R1008	1
UA1-230	230 V 50 Hz/240 V 60 Hz	1SAM 201 904 R1005	1
UA1-400	400 V, 50 Hz	1SAM 201 904 R1006	1
UA1-415	415 V 50 Hz/480 V 60 Hz	1SAM 201 904 R1007	1

Locking device (see also MS325, Page 9)

SA1	lock adapter	GJF1 101 903 R0001	1
SA2	padlock + 2 keys	GJF1 101 903 R0002	1
SA3	lock adapter + padlock + 2 keys	GJF1 101 903 R0003	1
FC116	fixing clip for screw mounting	1SAM 201 909 R1001	

Direct adapter, for wiring to contactors

BEA7/116	mini contactors B6/B7	1SBN 080 906 R1000	1
BEA16/116	contactors A9/A12/A16	1SBN 081 406 R1000	1
BEA26/116	contactors A26	1SBN 082 406 R1000	1

① Not suitable for panel mounting

Manual Motor Starter MS116

Accessories

Ordering details



Accessories

Type	Order cod	Packing Unit/piece	Price
Phase buses for cross wiring MS116, 63 A, 690 V			
PS1-2-0 , for 2 devices without auxiliary switches	1SAM 201 906 R1002	10	
PS1-3-0 , for 3 devices without auxiliary switches	1SAM 201 906 R1003	10	
PS1-4-0 , for 4 devices without auxiliary switches	1SAM 201 906 R1004	10	
PS1-5-0 , for 5 devices without auxiliary switches	1SAM 201 906 R1005	10	
PS1-2-1 , for 2 devices with 1 auxiliary switch	1SAM 201 906 R1012	10	
PS1-3-1 , for 3 devices with 1 auxiliary switch	1SAM 201 906 R1013	10	
PS1-4-1 , for 4 devices with 1 auxiliary switch	1SAM 201 906 R1014	10	
PS1-5-1 , for 5 devices with 1 auxiliary switch	1SAM 201 906 R1015	10	
PS1-2-2 , for 2 devices with 2 auxiliary switches	1SAM 201 906 R1022	10	
PS1-3-2 , for 3 devices with 2 auxiliary switches	1SAM 201 906 R1023	10	
PS1-4-2 , for 4 devices with 2 auxiliary switches	1SAM 201 906 R1024	10	
PS1-5-2 , for 5 devices with 2 auxiliary switches	1SAM 201 906 R1025	10	
Power infeed blocks, 63 A, 690 V, stranded 25 mm², flexible 16 mm²			
S1-M1 , flat	1SAM 201 907 R1001	10	
S1-M2 , high	1SAM 201 907 R1002	10	
Cover for phase busses			
BS1-3	1SAM 201 908 R1001	50	
Insulating enclosure IP65, with rotary handle, triple lockable in Off position, with N- und PE-terminal, for Manual Motor Starter			
IB116-G , Twist knob black	1SAM 201 911 R1000	1	
IB116-Y , Twist knob red/yellow	1SAM 201 911 R1001	1	
Insulating enclosure, light grey IP55 with cover, including DIN rail for manual motor starter or line protection devices			
QES4/3N , for 4 modules, 72 mm	GHL 111 2304 R0013		
QES6/3N , for 6 modules, 108 mm	GHL 111 2306 R0013		
QES10/3N , for 10 modules, 180 mm	GHL 111 2310 R0013		
Set of neutral and earth terminals			
SMO4 , for QES 4/3 N	GHL 430 1910 R0004		
SMO6 , for QES 6/3 N	GHL 430 1910 R0006		
SMO10 , for QES 10/3 N	GHL 430 1910 R0010		
Plastic enclosure, light grey, IP40 in panel design, including DIN rail			
PCD4N , for 4 modules, 72 mm	GHS 270 1921 R0004		
PCD6N , for 6 modules, 108 mm	GHS 270 1921 R0006		
PCD8N , for 8 modules, 144 mm	GHS 270 1921 R0008		
Switch cubicle mounting kit IP65, with axial extension triple lockable in Off position, locked in On position			
OHB2AJM , Twist knob black	1SCA 022 384 R6940	1	
OHY2AJM , Twist knob red/yellow	1SCA 022 384 R7080	1	
OXS5X85 , axis 85 mm	1SCA 022 347 R3570	1	
OXS5X105 , axis 105 mm	1SCA 022 347 R3650	1	
OXS5X130 , axis 130 mm	1SCA 022 353 R4540	1	
OXS5X180 , axis 180 mm	1SCA 022 353 R4620	1	
MSMN , driver ①	1SAM 101 923 R0001	1	
MSOX , driver spindle 32 mm ②	1SAM 101 924 R0001	1	
Door mounting kit IP65, Lockable in Off-position			
DMS116-G , Twist knob black	1SAM 201 912 R1000	1	
DMS116-Y , Twist knob red/yellow	1SAM 201 912 R1001	1	

① For accommodating spindle and attachment to manual motor starter

② Is screwed directly onto the manual motor starter