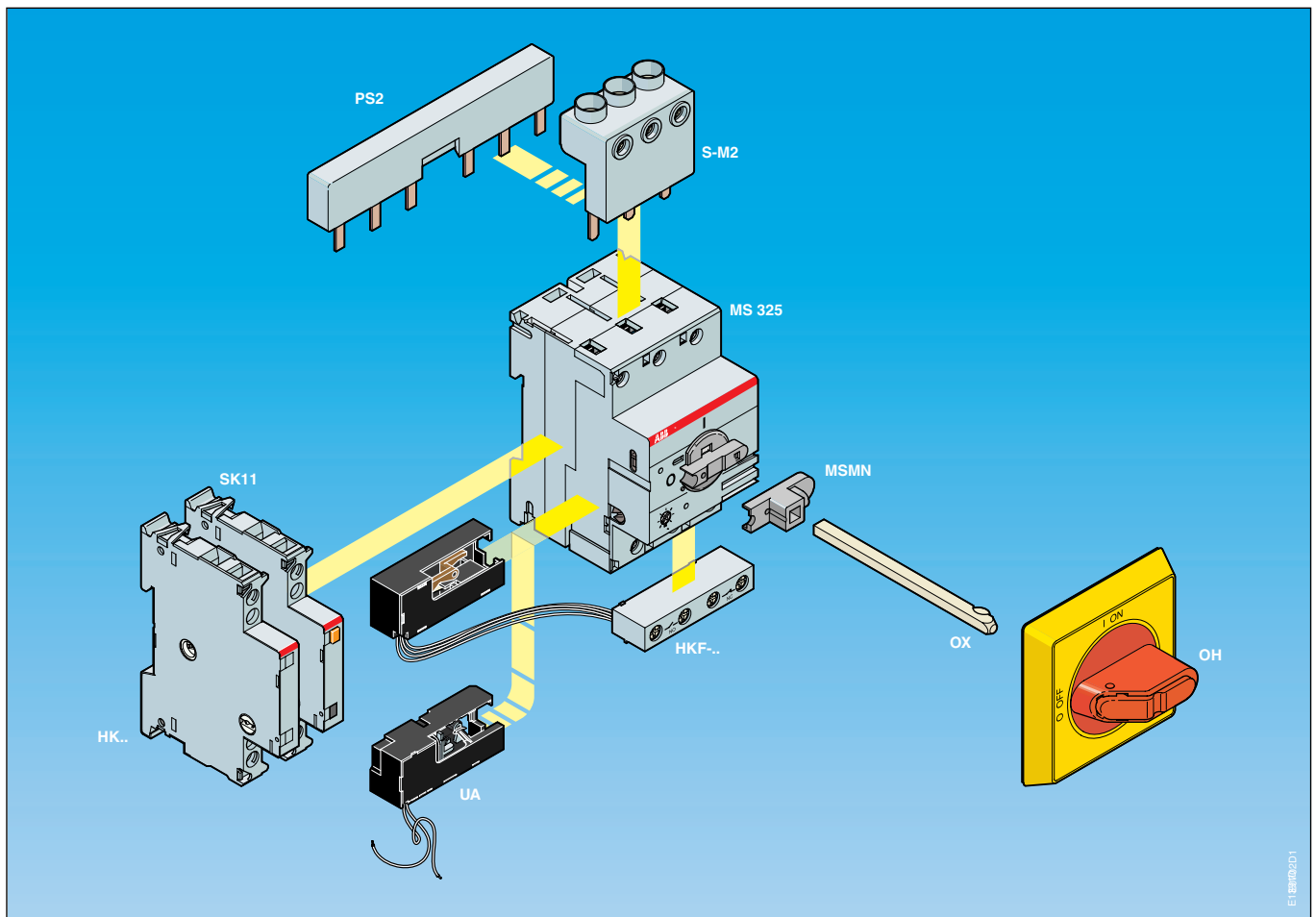


# MS 325 Manual Motor Starters

## Ordering Details



Setting range A	Type	Order code	Pack <sup>ing</sup> Piece	Weight kg
0.1 ... 0.16	MS 325 - 0.16	1SAM 15 0000 R0001	1	0.347
0.16 ... 0.25	MS 325 - 0.25	1SAM 15 0000 R0002	1	0.347
0.25 ... 0.4	MS 325 - 0.4	1SAM 15 0000 R0003	1	0.347
0.4 ... 0.63	MS 325 - 0.63	1SAM 15 0000 R0004	1	0.347
0.63 ... 1.0	MS 325 - 1.0	1SAM 15 0000 R0005	1	0.347
1.0 ... 1.6	MS 325 - 1.6	1SAM 15 0000 R0006	1	0.347
1.6 ... 2.5	MS 325 - 2.5	1SAM 15 0000 R0007	1	0.347
2.5 ... 4.0	MS 325 - 4.0	1SAM 15 0000 R0008	1	0.347
4.0 ... 6.3	MS 325 - 6.3	1SAM 15 0000 R0009	1	0.347
6.3 ... 9.0	MS 325 - 9.0	1SAM 15 0000 R0010	1	0.347
9.0 ... 12.5	MS 325 - 12.5	1SAM 15 0000 R0011	1	0.347
12.5 ... 16.0	MS 325 - 16.0	1SAM 15 0000 R0012	1	0.347
16.0 ... 20.0	MS 325 - 20.0	1SAM 15 0000 R0013	1	0.347
20.0 ... 25.0	MS 325 - 25.0	1SAM 15 0000 R0014	1	0.347



# MS 325 Manual Motor Starters

## Technical Data

### MS 325 Manual Motor Starters



#### Types

<b>MS 325-0.16 to MS 325-9.0</b>	<b>MS325-12.5 to MS 325-25.0</b>
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<b>Setting range</b>	<b>A</b>	0.1 ... 0.16 0.16 ... 0.25 0.25 ... 0.4 0.4 ... 0.63 0.63 ... 1.0	1.0 ... 1.6 1.6 ... 2.5 2.5 ... 4.0 4.0 ... 6.3 6.3 ... 9.0	9.0 ... 12.5 12.5 ... 16.0 16.0 ... 20.0 20.0 ... 25.0
<b>Rated short-circuit breaking capacity</b> 380 / 400 V	<b>I<sub>cu</sub> kA</b>	100		50
<b>Rated service short-circuit breaking capacity</b>	<b>I<sub>cs</sub> = % I<sub>cu</sub></b>	100		100
<b>Connecting capacity main circuit</b>				
Rigid solid	<b>1 x mm<sup>2</sup></b>	1 ... 10		
Rigid stranded	<b>1 x mm<sup>2</sup></b>	1 ... 10		
Flexible without cable end	<b>1 x mm<sup>2</sup></b>	1 ... 6		
<b>Auxiliary circuit</b>				
Rigid solid	<b>1 x mm<sup>2</sup></b>	0.5 ... 2.5		
	<b>2 x mm<sup>2</sup></b>	0.5 ... 2.5		
<b>Degree of protection</b>		IP 20		
<b>Temperature compensation</b>		- 25 °C ... + 50 °C		
<b>Phase failure sensitivity</b>		yes		

# Accessories for MS 325 Manual Motor Starters

## Ordering Details



### Auxiliary Contacts

(The pilot contact has be mounted first on MS 325)

Mounting	Feature	Contacts	Type	Order code	Pack <sup>ing</sup> piece	Weight kg
Left side	Auxiliary contact	1 1	<b>HK-11</b>	<b>1SAM 101 901 R0001</b>	10	0.031
		2 -	<b>HK-20</b>	<b>1SAM 101 901 R0002</b>	10	0.031
		- 2	<b>HK-02</b>	<b>1SAM 101 901 R0003</b>	10	0.031
(2 sets maxi)	Pilot contact	1 -	<b>SK-10</b>	<b>1SAM 101 904 R0001</b>	10	0.031
		- 1	<b>SK-01</b>	<b>1SAM 101 904 R0002</b>	10	0.031
Front face	Auxiliary contact	1 1	<b>HKF-11</b>	<b>1SAM 101 928 R0001</b>	10	0.020
		2 -	<b>HKF-20</b>	<b>1SAM 101 928 R0002</b>	10	0.020

### Under Voltage Trip

Mounting	Voltage control V (50/60 Hz)	Type	Order code	Pack <sup>ing</sup> piece	Weight kg
Left side	24	<b>UA 24</b>	<b>1SAM 101 903 R0024</b>	10	0.020
	48	<b>UA 48</b>	<b>1SAM 101 903 R0048</b>	10	0.020
	60	<b>UA 60</b>	<b>1SAM 101 903 R0060</b>	10	0.020
Not compatible with auxiliary contact in front face.	110	<b>UA 110</b>	<b>1SAM 101 903 R0110</b>	10	0.020
	230	<b>UA 230</b>	<b>1SAM 101 903 R0230</b>	10	0.020
	400	<b>UA 400</b>	<b>1SAM 101 903 R0400</b>	10	0.020
	415	<b>UA 415</b>	<b>1SAM 101 903 R0415</b>	10	0.020
	500	<b>UA 500</b>	<b>1SAM 101 903 R0500</b>	10	0.020

### Moulded Plastic Enclosure IP 65 with N and PE terminal - 1HK or 1 SK mountable

Design	Color	Order code	Pack <sup>ing</sup> piece	Weight kg
Twist knob, triple lockable		<b>1SCA 022 503 R1460</b>	1	0.253
		<b>1SCA 022 503 R1380</b>	1	0.253

### Switch Cubicle Mounting Kit IP 65

with axial extension, lockable in OFF Position, locked in OFF position

Design	Color	Type	Order code	Pack <sup>ing</sup> piece	Weight kg
Grip black		<b>OHB 2AJM</b>	<b>1SCA 022 384 R6940</b>	1	
Grip red / yellow		<b>OHY 2AJM</b>	<b>1SCA 022 384 R7080</b>	1	
Axis 85 mm		<b>OXS 5x85</b>	<b>1SCA 022 347 R3570</b>	1	0.030
Axis 105 mm		<b>OXS 5x105</b>	<b>1SCA 022 347 R3650</b>	1	0.030
Axis 130 mm		<b>OXS 5x130</b>	<b>1SCA 022 353 R4540</b>	1	0.030
Axis 180 mm		<b>OXS 5x180</b>	<b>1SCA 022 353 R4620</b>	1	0.030
Driver (1)		<b>MSMN</b>	<b>1SAM 101 923 R0001</b>	1	
Driver spindle 32 mm (2)		<b>MSOX</b>	<b>1SAM 101 924 R0001</b>	1	

(1) For accommodating spindle and attachment to manual motor starter.

(2) Is screwed directly onto the manual motor starter.

### Door Mounting Kit IP 65

Design	Color	Order code	Pack <sup>ing</sup> piece	Weight kg
Twist knob, lockable, with PE Terminal		<b>1SAM 101 152 R0003</b>	1	0.169
		<b>1SAM 101 152 R0004</b>	1	0.169

# Accessories for MS 325 Manual Motor Starters

## Ordering Details



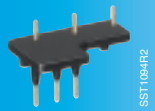
S-M2



PS4  
for 4 MS 325 + 2 auxiliary contacts



PS2  
for 2 MS 325 + 2 auxiliary contacts



DAB6

### Power Infeed Blocks, 63 A, 690 V - Stranded cable 25 mm<sup>2</sup>, flexible cable 16 mm<sup>2</sup>

Design	Type	Order code	Pack <sup>ing</sup> piece	Weight kg
Flat block	S-M1	1SAM 101 906 R0001	10	0.036
High block	S-M2	1SAM 101 906 R0002	10	0.040

### Phase Buses for Cross Wiring, 63 A, 690 V

Design	Type	Référence	Pack <sup>ing</sup> piece	Weight kg
For 2 MS 325 without auxiliary contact	PS2	1SAM 101 907 R0001	10	0.032
For 2 MS 325 + 1 auxiliary contact	PS2	1SAM 101 907 R0002	10	0.036
For 2 MS 325 + 2 auxiliary contacts	PS2	1SAM 101 907 R0003	10	0.038
For 4 MS 325 without auxiliary contact	PS4	1SAM 101 907 R0004	10	0.070
For 4 MS 325 + 1 auxiliary contact	PS4	1SAM 101 907 R0005	10	0.085
For 4 MS 325 + 2 auxiliary contacts	PS4	1SAM 101 907 R0006	10	0.090

### Direct Adapters for MS325 / Mini Contactors

Design	Type	Order code	Pack <sup>ing</sup> piece	Weight kg
For direct connection to B 6/B 7	DAB6	1SAM 101 910 R0001	10	0.010
For direct connection to VB 6/VB 7	DAVB6	1SAM 101 911 R0001	10	0.010

### Function Marker

Design	Order code	Pack <sup>ing</sup> piece	Weight kg
Transparent cover	1SAM 101 935 R0001	10	0.004
Designation labels (160 pieces)	1SAM 101 935 R0002	1 set	0.008