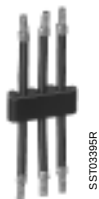


D.O.L. Starting with Manual Motor Starter

Screw Terminals



MS 116



BSA



AL 16-30-10

Fitting Details

Direct on line starter with protection against short circuits. To be supplied in kit form and to be assembled by the customer. Coordination Type 1 in accordance with IEC 60947-4-1

kW	I (A)	MMS	Contactor	Connexion Kit	Fixing
4	9	MS 116	AL 9	BSA 325	Rail 35 mm
5.5	12	MS 116	AL 12	BSA 325	Rail 35 mm
7.5	16	MS 116	AL 16	BSA 325	Rail 35 mm
11	26	MS 325	AL 26	BSA 325	Rail 35 mm
15	30	MS 450	AL 30	–	Screws
18.5	40	MS 450	AL 40	–	Screws

400V, 50kA, Normal Start up, Type 1

Manual Motor Starters

Motor		Manuel Motor-Starter				Contactor
Rated Output	Rated Current	Type	Order Cde	Magnetic Tripping current (A)	O/L Current Setting range (A)	Type
P _e (kW)	I _e (A)					
0.37	1.2	MS 116-1.6	1SAM250000R1006	19.2	1 - 1.6	AL 9
0.55	1.5	MS 116-1.6	1SAM250000R1006	19.2	1 - 1.6	AL 9
0.75	2	MS 116-2.5	1SAM250000R1007	30	1.6 - 2.5	AL 9
1.1	2.6	MS 116-4	1SAM250000R1008	48	2.5 - 4	AL 9
1.5	3.5	MS 116-4	1SAM250000R1008	48	2.5 - 4	AL 9
2.2	5	MS 116-6.3	1SAM250000R1009	75.6	4 - 6.3	AL 9
3	6.6	MS 325-9	1SAM150000R1010	135	6.3 - 9	AL 9
4	8.5	MS 325-9	1SAM150000R1010	135	6.3 - 9	AL 9
5.5	11.5	MS 325-12.5	1SAM150000R1011	187.5	9 - 12.5	AL 12
7.5	15.5	MS 325-16	1SAM150000R1012	240	12.5 - 16	AL 16
7.5	15.5	MS 450-20	1SAM450000R1002	240	14 - 20	AL 16
9	18.3	MS 325-20	1SAM150000R1013	300	16 - 20	AL 26
11	22	MS 325-25	1SAM150000R1014	375	20 - 25	AL 26
11	22	MS 450-25	1SAM450000R1003	300	18 - 25	AL 26
15	30	MS 450-32	1SAM450000R1004	384	22 - 32	AL 30
18.5	37	MS 450-40	1SAM450000R1005	480	28 - 40	AL 40

Connection Kit

For motor starters	Type	Order code	Weight kg Pack ^{ing} 1 piece
MS 116, MS 325	BSA 325	FPTN 472772 R0001	0.009