

Application data :

The motor starters are suitable for

- hazardous areas of zone 1, 2 and zone 21, 22.
- single speed, non-reversing starting and stopping of AC squirrel cage induction motors.

Technical data :

Explosion Protection	: Ex d IIB T6
Conforming to	: Standards IEC 60079-0/1 or UL 60079-1
Marking for test	: Ex II2G
Degree of Protection	: IP66 acc. To IEC 60529
Ambient Temp. (Ta)	: -20 °C to+ 40 °C + 55 °C
Protection class for UL.	: Class I, Division 1or 2 Group. C,D Class II, Division 1 or 2 Groups. E,F,G Class III
Protection class for IEC	: Zone1, 21 and Zone 2, 22
Entries thread	: NPT or ISO thread
Rated voltage	: 380/220v. ±5% 50Hz.



Specification:

Body and cover	: Marine grade copper-free aluminum alloy with epoxy-polyester powder coated , RAL7032(GREY)
Sealing gasket	: Silicone - 40 °C to +175°C
Lid screws	: Stainless steel

Catalogue Numbers :

3Ph.Motor 380/220v.		Full Load Current Amp. (AT.)	MC.Rating,AC3 Amp.	Overload Relay Amp.	Cat.,No.	Enclosure
KW.	HP.					
0.37	1/2.	1.2	MSO-T12 (1.2)	1 - 1.6	EMS 037M	JBB 9146
0.55	3/4.	1.6	MSO-T12 (1.6)	1.4 - 2	EMS 055M	JBB 9146
0.75	1	2.0	MSO-T12 (2.0)	1.7 - 2.5	EMS 075M	JBB 9146
1.1	1 1/2	2.6	MSO-T12 (2.6)	2. - 3	EMS 101M	JBB 9146
1.5	2	3.5	MSO-T12 (3.5)	2.8 - 4.4	EMS 105M	JBB 9146
2.2	3	5.0	MSO-T12 (5.0)	4. - 6	EMS 202M	JBB 9146
3	4	6.6	MSO-T12 (6.6)	5.2 - 8	EMS 300M	JBB 9146
3.7	5	8.2	MSO-T12 (8.2)	7. - 11	EMS 307M	JBB 9146
4	5 1/2	8.5	MSO-T12 (8.5)	7. - 11	EMS 400M	JBB 9146
5.5	7 1/2	11.5	MSO-T21 (11.5)	9 - 13.	EMS 505M	JBB 9146
7.5	10	15.5	MSO-T21 (15.5)	12 - 18.	EMS 705M	JBB 9146
11	15	22.0	MSO-T35 (22.0)	18 - 26.	EMS 1100M	JBB 10209
15	20	30.0	MSO-T50 (30.0)	24 - 34.	EMS 1500M	JBB 10209
18.5	25	37.0	MSO-T50 (37.0)	30 - 40	EMS 1805M	JBB 10209
22	30	44.0	MSO-T65 (44.0)	34 - 50	EMS 2200M	JBB 10209
30	40	60.0	MSO-T100 (60.0)	43 - 65	EMS 3000M	JBB 13219
37	50	72.0	MSO-T100 (72.0)	54 - 80	EMS 3700M	JBB 13219
45	60	85.0	MSO-N125 (85.0)	65 - 93	EMS 4500M	JBB 13219
55	75	105.0	MSO-N125 (105.0)	85 - 125	EMS 5500M	JBB 203210
75	100	140.0	MSO-N150 (140.0)	100-150	EMS 7500M	JBB 203210