

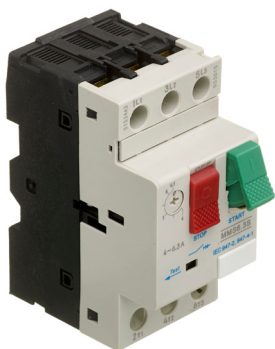
Star Delta Starter Thermal Overload Selection Chart

Overload based on 58% of FLC. Please consult the motor manufacturer for Full Load Current (FLC) or from the motor rating plate

Thermal Overload Part Number	Relay Range	Motor Rating	
		400V/3PH AC-3	
		kW	Hp
TR2-D09306	1.0 to 1.6	1.1	1.5
TR2-D09307	1.6 to 2.5	1.5	2.0
TR2-D09307	1.6 to 2.5	1.8	2.5
TR2-D09308	2.5 to 4.0	2.2	3.0
TR2-D09308	2.5 to 4.0	3.0	4.0
TR2-D09310	4.0 to 6.0	3.7	5.0
TR2-D09310	4.0 to 6.0	4.0	5.5
TR2-D09312	5.5 to 8.0	5.5	7.5
TR2-D09314	7.0 to 10.0	7.5	10.0
TR2-D18321	12.0 to 18.0	11.0	15.0
TR2-D18321	12.0 to 18.0	15.0	20.0
TR2-D25322	17.0 to 25.0	22.0	30.0

DOL Manual Motor Starters

MMS Range up to 32A 15kW



Main application: Thermal and short circuit protection of AC electric motors with power up to 15kW (380 / 440V) 32A, it can also be used as a main switch. Simple snap fitting on 35mm din rail.

Part Number	Description	Price	Per
MMS-016S	0.10 - 0.16A	£31.50	1
MMS-025S	0.16 - 0.25A	£31.50	1
MMS-04S	0.25 - 0.40A	£31.50	1
MMS-063S	0.40 - 0.63A	£31.50	1
MMS-1S	0.63 - 1.00A	£32.78	1
MMS-1.6S	1.00 - 1.60A	£32.78	1
MMS-2.5S	1.60 - 2.50A	£32.78	1
MMS-4S	2.50 - 4.00A	£32.78	1
MMS-6.3S	4.00 - 6.30A	£32.78	1
MMS-10S	6.00 - 10.00A	£40.05	1
MMS-14S	9.00 - 14.00A	£40.05	1
MMS-18S	13.00 - 18.00A	£40.05	1
MMS-23S	17.00 - 23.00A	£40.05	1
MMS-25S	20.00 - 25.00A	£40.05	1
MMS-32S	24.00 - 32.00A	£45.80	1

Manual Motor Starter Accessories

MMS Range Accessories



Part Number	Description	Price	Per
1 MMS-ENC	IP55 enclosure for MMS 0.1 - 32A	£12.16	1
2 MMS-AUXAE11	Auxiliary contact 1N/O + 1N/C (Top Mount)	£4.22	1
MMS-AUXAE20	Auxiliary contact 2 N/O (Top Mount)	£4.22	1
3 MMS-AUX11SM	Auxiliary Contact 1N/O + 1N/C (Side Mount)	£10.90	1
MMS-AUX20SM	Auxiliary Contact 2N/O (Side Mount)	£10.90	1
4 MMSU24	Under voltage trip 24V	£17.70	1
MMSU110	Under voltage trip 110V	£17.70	1
MMSU240	Under voltage trip 220-240V	£17.70	1
MMSU415	Under voltage trip 380-415V	£17.70	1

Part Number	Setting Range (A)	Operating Current of Short-Circuit Release (A)
MMS-016S	0.10 - 0.16A	1.9
MMS-025S	0.16 - 0.25A	2.6
MMS-04S	0.25 - 0.40A	4.4
MMS-063S	0.40 - 0.63A	8
MMS-1S	0.63 - 1.00A	11
MMS-1.6S	1.00 - 1.60A	19
MMS-2.5S	1.60 - 2.50A	30
MMS-4S	2.50 - 4.00A	42
MMS-6.3S	4.00 - 6.30A	69
MMS-10S	6.00 - 10.00A	110
MMS-14S	9.00 - 14.00A	210
MMS-18S	13.00 - 18.00A	210
MMS-23S	17.00 - 23.00A	220
MMS-25S	20.00 - 25.00A	330
MMS-32S	24.00 - 32.00A	330