

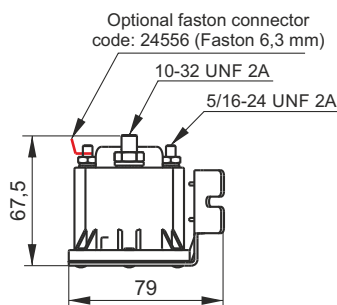
SECTION A

DC MOTOR OPTIONS

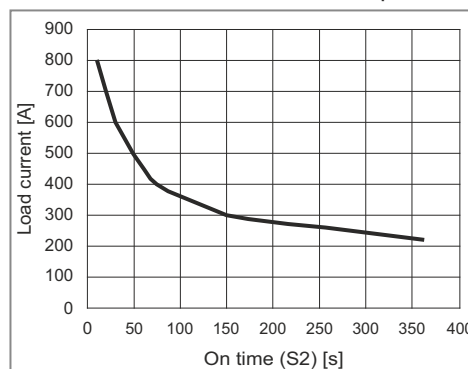


Starting relay 150A
for motors Ø80 - Ø114

Weight: 0,38kg
Protection degree: IP67
Max current draw: 2A@12VDC - 1A@24VDC - 0,5A@48VDC
Standard temperature range: -40°C to +82°C
Poles thread: 2 x 10-32 UNF 2A; 2 x 5/16-24 UNF 2A
UL starting relays available on request
* on resistive load



Typical Intermittent Duty Unit Performance in a + 25°C Ambient
using 2 foot lenght (0,6 m) of 2#AWG (33,6 mm²) cable.
ON time versus Load current reach 90°C temperature.



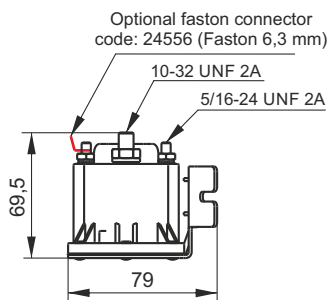
Nominal current	Peak Current (3ms) *	Spare part code
150A	800A	M47TC0001 (12V DC) M47TC0002 (24V DC) M47TC0004 (48V DC)

Coils	M47TC0001 12V DC	M47TC0002 24V DC	M47TC0004 48V DC
Max Sustained Duty Cycle (S3)	25%	25%	25%
Max On-Time (S2) @ 150A	6 min	6 min	6 min
Pull In Voltage	7,6 V	15,5 V	33 V
Hold minimum Voltage	3,5 V	7,0 V	14 V
Coil Resistance [Ohms]	5,7 Ω	20,1 Ω	86 Ω

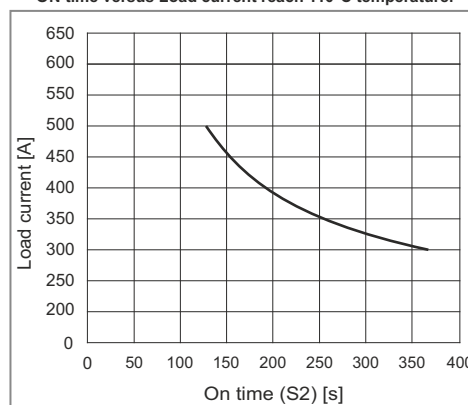


Starting relay 300A
for motors Ø125 and 151

Weight: 0,39kg
Protection degree: IP67
Max current draw: 2A@12VDC - 1A@24VDC
Standard temperature range: -40°C to +85°C
Poles thread: 2 x 10-32 UNF 2A; 2 x 5/16-24 UNF 2A
UL starting relays available on request
*on resistive load



Typical Intermittent Duty Unit Performance in a + 25°C Ambient
using 2 foot lenght (0,6 m) of 2#AWG (33,6 mm²) cable.
ON time versus Load current reach 110°C temperature.



Nominal current	Peak Current (3ms)*	Spare part code
300A	1000A	MASRH00001 (12V DC) MASRH00002 (24V DC)

Coils	MASRH00001 12V DC	MASRH00002 24V DC
Max Sustained Duty Cycle (S3)	25%	25%
Max On-Time (S2) @ 150A	6 min	6 min
Pull In Voltage at 25°C	8,5 V	15 V
Hold minimum Voltage at 25°C	4,5 V	7,0 V
Coil Resistance at 25°C [Ohms]	5,37 Ω	20,1 Ω

Recommended working position: either horizontal or vertical with poles set upwards.

Optional faston connector code: 24556.

All the test are made at the environmental temperature of 25 °C.