

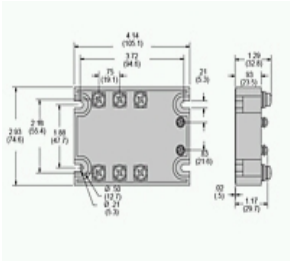
Item # 645TR440-3-32VDC, 645T Series - Solid State On / Off Motor Relays

The 645T series of solid state relays uses triacs for on/off control of three phase loads. Operation is three pole normally open. Inputs can be AC or DC operated. Load currents can range from 10 to 50amps and up to a nominal voltage of 480VAC. Both random turn on or zero cross is available.

For Additional Configuration please contact the manufacturer.



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Specifications

Series	645T
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Input Characteristics

Input Voltage	3-32 VDC
Input Characteristics	DC
Must Release Voltage	1VDC
Maximum Input Current	80 mA
Reverse Polarity Protection	Yes

Output Characteristics

Output Characteristics	40 A
Min. Load current to maintain on	250 mA
Non-Repetitive Surge Current (1 cycle)	300 A
Maximum I2T for Fusing (Asquared sec)	450A2 S
Suggested Heatsink	0.14 °C/W+FAN
Load Voltage Range	50 to 480VAC
Frequency Range	47 to 63 Hz
Peak Blocking Voltage	800 to 1200
Maximum Rate of Rise Off State Voltage (dv/dt)	250 V/uS
Max. Off state leakage current (rms)	10 mA
Max. On State Voltage Drop	1.6 VAC
Maximum Turn-On Time at 60 Hz	8.3 ms
Maximum Turn-Off Time at 60 Hz	8.3 ms

Miscellaneous Characteristics

Dielectric Strength - I or O to case	4000 Vrms
Operating Temperature Range	-30 to 80 °C
Storage Temperature Range	-40 to 100 °C
Weight	320 g
Input Terminal Size	M3.5
Output Terminal Size	M4