

MT series three phase bridge

Description

Range of extremely compact, encapsulated three phase bridge rectifiers offering efficient and reliable operation. They are intended for use in general purpose and instrumentation applications.

Features

- Universal, 3 way terminals: push-on, wrap around or solder
- High thermal conductivity package, electrically insulated case
- Center hole fixing
- Excellent power/volume ratio
- Nickel plated terminals, using Lead-Free solder; Solder Alloy Sn/Ag/Cu (SAC305); Solder temperature 260-275
- RoHS compliant

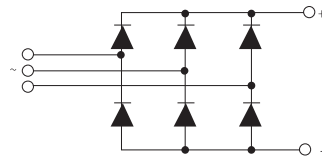
Major ratings and characteristics

| Type | I _o | | I _{FSM} | | P _t | | V _{RRM} range (V) | T _J (°C) |
|------|----------------|----------------------|------------------|----------|----------------|------------|----------------------------|---------------------|
| | (A) | @T _c (°C) | @50Hz(A) | @60Hz(A) | @50Hz(A2s) | @60Hz(A2s) | | |
| 25MT | 25 | 70 | 360 | 375 | 635 | 590 | 100to1600 | -55to150 |
| 35MT | 35 | 60 | 475 | 500 | 1130 | 1030 | 100to1600 | -55to150 |

Voltage ratings

| Type | Voltage code | V _{RRM} ¹ maximum repetitive peak reverse voltage (V) | V _{RSM} ¹ maximum non-repetitive peak rev. voltage (V) | I _{RRM} max. @ T _J max. (mA) |
|------|---------------------|---|--|--|
| 25MT | 10,20,40,60,80,100, | 100,200,400,600,800,1000, | 150,275,500,725,900,1100, | 2 |
| 35MT | 120,140,160 | 1200,1400,1600 | 1300,1500,1700 | |

Outline Table



Dimension

