

产品规格书

Specifcation of products

产品名称:三相整流桥模块

产品型号: MDS600A-T18

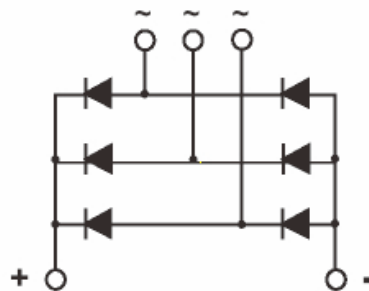
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| SYMBOL | CHARACTERISTIC | TEST CONDITIONS | T _j (°C) | VALUE | | | UNIT |
|----------------------|--|---|---------------------|-------|------|------|------|
| | | | | Min | Type | Max | |
| I _o | DC output current | Three-phase full wave rectifying circuit, T _C =100°C | 150 | | | 600 | A |
| V _{RRM} | Repetitive peak reverse voltage | V _{RRM} tp=10ms V _{RSM} = V _{DRM} &V _{RRM} +200V | 150 | 600 | | 2200 | V |
| I _{RRM} | Repetitive peak current | at V _{RRM} | 150 | | | 15 | mA |
| I _{FSM} | Surge forward current | 10ms half sine wave | 150 | | | 8.0 | KA |
| I ² t | I ² T for fusing coordination | V _R =0.6V _{RRM} | | | | | 320 |
| V _{FO} | Threshold voltage | | 150 | | | 0.80 | V |
| r _F | Forward slope resistance | | | | | | 1.05 |
| V _{FM} | Peak forward voltage | I _{FM} =600A | 25 | | | 1.37 | V |
| R _{th(j-c)} | Thermal resistance Junction to heatsink | Single side cooled | | | | 0.06 | °C/W |
| V _{iso} | Isolation voltage | 50Hz, R. M.S, t=1min, I _{iso} : 1mA (max) | | 2500 | | | V |
| F _m | Terminal connection torque(M6) | | | | | 5.0 | N·m |
| | Terminal connection torque(M8) | | | | | 7.0 | N·m |
| | Mounting torque(M10) | | | | | 9.0 | N·m |
| T _{stg} | Stored temperature | | | -40 | | 125 | °C |
| W _t | Weight | | | | | 1050 | g |
| Outline | | | | | | | |

OUTLINE DRAWING & CIRCUIT DIAGRAM



Rating and Characteristic

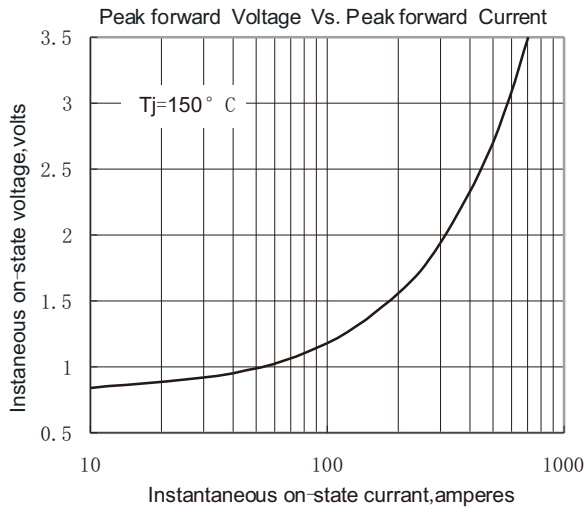


Fig. 1

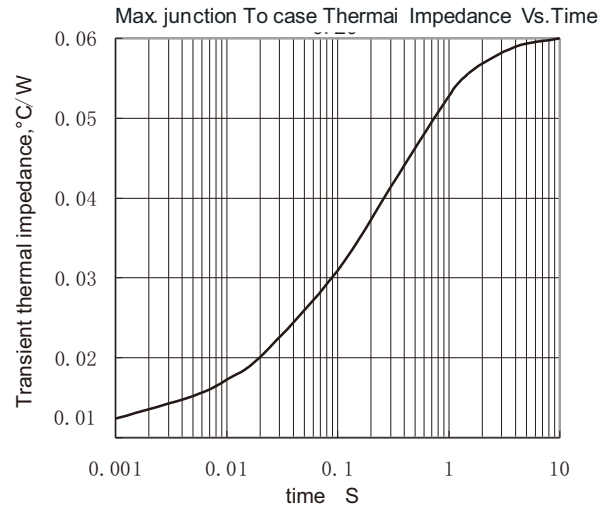


Fig. 2

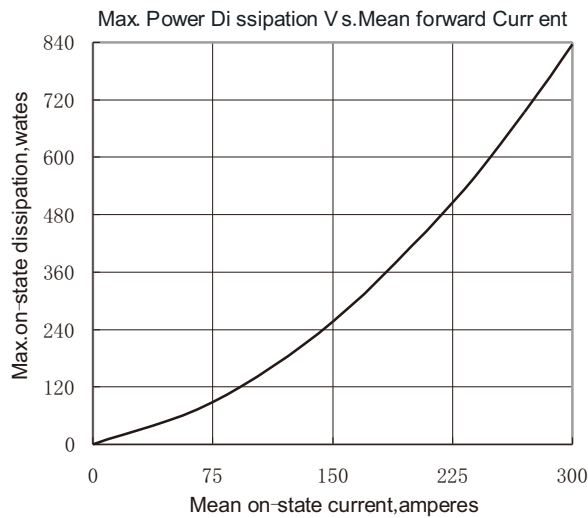


Fig. 3

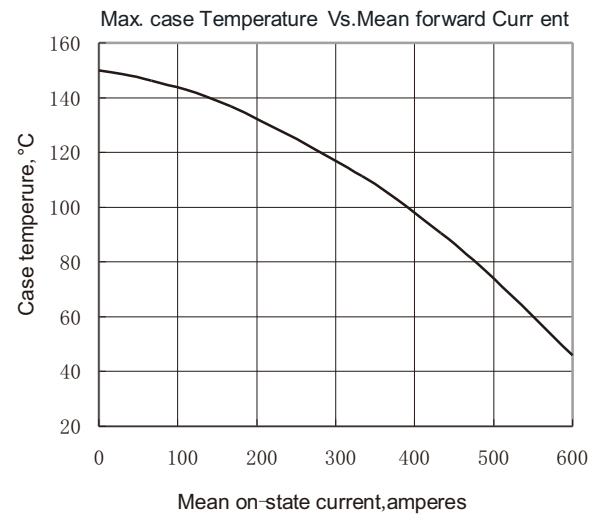


Fig. 4

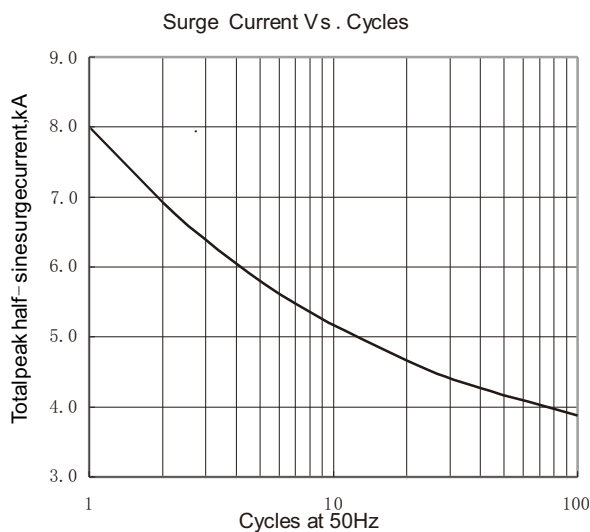


Fig. 5

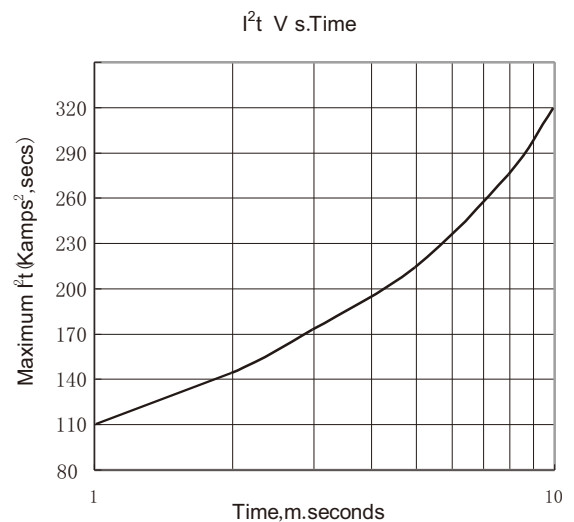


Fig. 6

Outside Dimension

