

SPECIFICATION OF THERMOELECTRIC MODULE TB-31-2.8-1.5

| Thermoelectric parameters | Unit | Value |
|---|------------|-------------|
| I_{max} | A | 24.4 |
| U_{max} | V | 3.9 |
| ΔT_{max} ≥ | K | 70 |
| Q_{max} ≥ | W | 58 |
| R_{ac} (at 295 K) | Ohm | 0.12 |
| Tolerance R_{ac} | % | ±10 |
| <i>All parameters except R_{ac} are given at Th=300 K</i> | | |

| Assembly parameters | Unit | Value |
|------------------------|-----------------------|------------|
| Wires | HB-1.00 3 600 | |
| Cross section | mm² | 1 |
| Metallization | | - |
| Sealing | | - |
| Internal solder | °C | 139 |

| Operational parameters | Unit | Value |
|------------------------------------|-----------|------------------|
| Working temperature range | °C | -50 ÷ +80 |
| Max. processing temperature | °C | 130 |
| ROHS compliance | | Yes |

