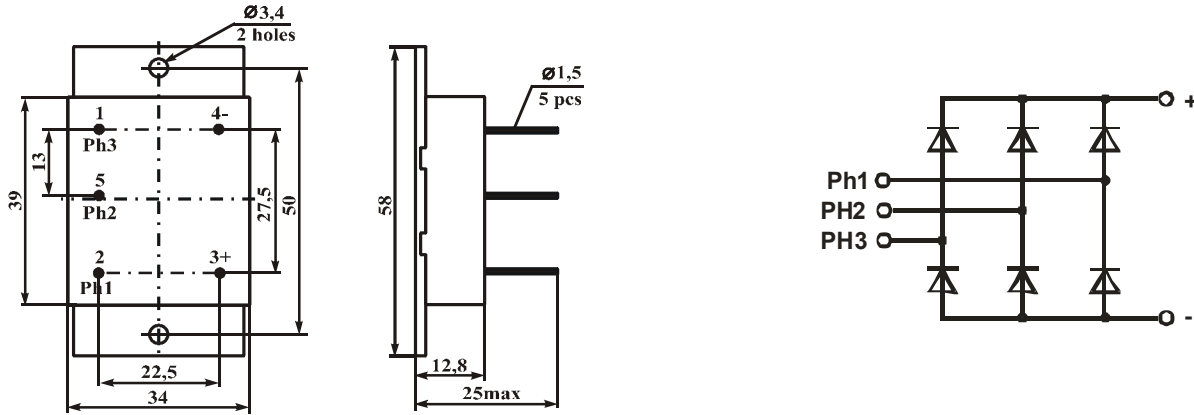




**MODULE OF THREE-PHASE DIODE BRIDGE
DATASHEET IN BRIEF**

The three-phase diode bridge module is intended for rectifying (conversion of alternating voltage into pulsating direct voltage).

OVRRAL DRAWING AND INTERNAL CONNECTION CIRCUIT



BASIC CHARACTERISTICS

T = 25 °C

| Product name | Reverse gate current, I _R , mA | | Diode pulse direct voltage, U _{FM} , V | | Electric isolation strength at DC between radiator and outputs, U _{ISOL} , V | | Thermal junction-radiator to diode resistance R _{th(j-c)} , °C / W | |
|---------------|---|----------------------|---|--------------------|---|-----------|---|--|
| | max | U _{RRM} , V | max | I _O , A | min | t, minute | max | |
| M6-25-12-PCB3 | 2 | 1200 | 1.65 | 25 | 4000 | 1 | 1 | |

MAXIMUM ALLOWABLE OPERATING MODES

| Product name | Pulse reverse diode voltage | | Average rectified module current, I _O , A | Linear voltage (rms) U _{lin} , V | Surge DC, I _{FSM} , A | | Maximum switching frequency, f _{com} , kHz | Junction temperature, T _{VJ} *, °C | |
|---------------|--------------------------------------|----------------------------------|--|---|--------------------------------|-----|---|---|------|
| | non-repetitive, U _{RSM} , V | repetitive, U _{RRM} , V | | | T _a , °C | max | | | |
| | min | min | max | max | | min | max | | |
| M6-25-12-PCB3 | 1300 | 1200 | 25 | 840 | 300 | 125 | 3 | - 40 | +125 |

* the module is designed for operating in the equipment with using of cooler that supports transition temperature without exceeding the maximum

Precious metals are not contained.

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