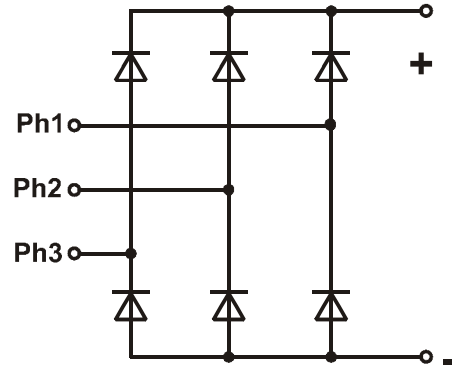
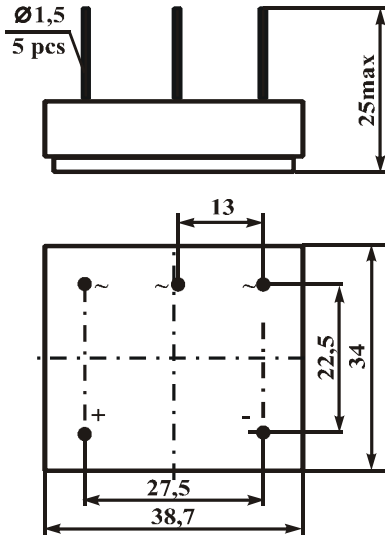


MODULE OF THREE-PHASE DIODE BRIDGE

M6-6,3-12-PP2.1

DATASHEET IN BRIEF

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

OVERALL DRAWINGS AND MODULES CIRCUIT

BASIC PARAMETERS
 $T_{amb} = 25\text{ }^{\circ}\text{C}$

Product name	Reverse gate current, I_{RRM} , mA		Pulse direct diode voltage, U_{FM} , V		Electric isolation strength at DC between radiator and outputs, U_{ISOL} , V		Thermal resistance	
	max	U_{RRM} , V	max	I_O , A	min	t, minute	junction-ambient(to diode)	junction-base
							$R_{th(j-a)}$, $^{\circ}\text{C}/\text{W}$	$R_{th(j-c)}$, $^{\circ}\text{C}/\text{W}$
M6-6,3-12-PP2.1	2	1200	1.65	6.3	4000	1	40	1

MAXIMUM PERMISSIBLE OPERATING MODES

Product name	Pulse reverse diode voltage		Average direct module current, I_O , A	Linear voltage (rms), U_{lin} , V		Surge direct current, I_{FSM} , A		Maximum switching frequency, f_{com} , kHz	Junction temperature, T_{VJ} , $^{\circ}\text{C}$	
	non-repetitive, U_{RSM} , V	repetitive, U_{RRM} , V		min	max	max	T_{amb} , $^{\circ}\text{C}$		min	max
	max	max	max							
M6-6,3-12-PP2.1	1300	1200	6.3*		840	30	125	3	-40	+125

 * when using of an external cooler with equivalent area not less than 100 cm^2

Precious metals are not contained.