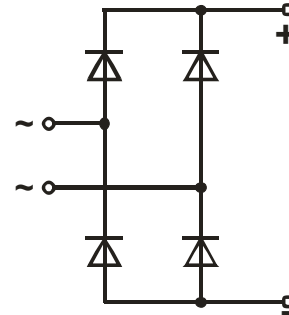
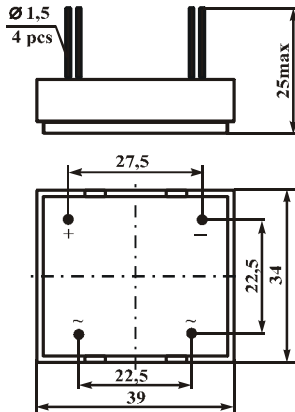




**MODULE OF THREE-PHASE DIODE BRIDGE
M5-6,3-12-PP2.1**

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

OVERALL DRAWING AND INTERNAL CONNECTION CIRCUIT



BASIC CHARACTERISTIC

T = 25 °C

Product name	Reverse gate current, I _R , mA		Diode pulse direct voltage, U _{FM} , V		Electric isolation strength at DC current between radiator and outputs, U _{ISOL} , V		Thermal resistance	
	max	U _{RRM} , V	max	I _O , A	min	t, minute	junction-ambient to diode R _{th(j-a)} , °C/W	Junction-base, R _{th(j-c)} , °C/W
		max		max		max	max	
M5-6,3-12-PP2.1	2	1200	1.65	6.3	4000	1	40	1

MAXIMUM ALLOWABLE OPERATING MODE

Product name	Diode pulse reverse 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			max	T _a , °C		min	max
	min	min	max	max		max	min	max	
M5-6,3-12-PP2.1	1300	1200	6.3*	840	30	125	3	- 40	+125

* when using an external cooler with equivalent area which not less than 100 cm².

Precious metals are not contained