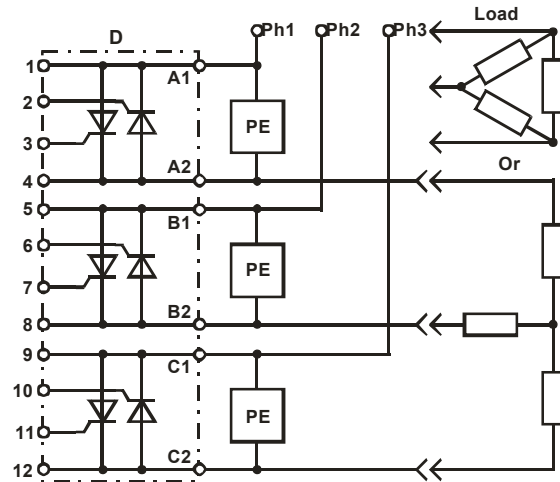
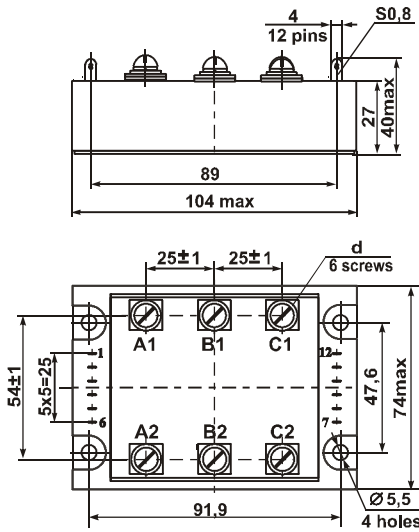




**THYRISTIR-THYRISTOR MODULE M26-25(40, 63, 80, 100, 125)-12
DATASHEET IN BRIEF**

Thyristor module of three pairs of opposite connected thyristors with isolated control is intended for switching of powerful AC loads.

OVERALL DRAWING AND INTERNAL CONNECTION CIRCUITS



D – module

PE – protection element (delivered separately)

Ph1, Ph2, Ph3 – switching voltage phases

Product description	d	Product description	d
M26-25(40,63,80)-12	Screw M5	M26-100(125)-12	Screw M6

BASIC CHARACTERISTICS

T = 25°C

Product name	Pulse voltage in on-state, U_{TM} , V		Repetitive pulse off-state current, I_{DRM} , mA		Thyristor repetitive pulse reverse current, I_{RRM} , mA		Thyristor gate trigger DC voltage, U_{GT} , V	Thyristor gate trigger DC, I_{GT} , mA	Electric isolation strength at DC between radiator and outputs, U_{ISOL} , V		Thyristor non-trigger DC voltage, U_{GD} , V $T_j = 125^\circ\text{C}$	Thermal junction-radiator resistance $R_{th(j-c)}$, °C/W
	max	$I_{T(AV)}$, A amplit. value	max	U_{DRM} , V	max	U_{RRM} , V			min	t, minute		
M26-25-12	1.65	79	1.0	±1200	1.0	±1200	3.0	150	4000	1	0.25	1.0
M26-40-12		125										0.7
M26-63-12		195										0.6
M26-80-12		250										0.45
M26-100-12		310										0.3
M26-125-12		392										0.25

MAXIMUM ALLOWABLE OPERATING MODES

Product name	Repetitive pulse thyristor voltage: reverse/ in off-state U_{RRM} / U_{DRM} , V	Average on-state current with cooler $I_{T(AV)}$, A, $T=75^\circ\text{C}$	Surge on-state current, I_{TSM} , A		Critical rate of rise of off-state voltage, $(du_d / dt)_{cr}$, V/μs	Critical rate of rise of on-state current, $(di_T / dt)_{cr}$, A/μs	Junction temperature, T_{vj}^{**} , °C			
			max	t, ms			min	max		
M26-25-12	±1200	25	200	10	1000	150	-40	+125		
M26-40-12									40	560
M26-63-12									63	720
M26-80-12									80	960
M26-100-12									100	1350
M26-125-12									125	2500

Precious metals are not contained