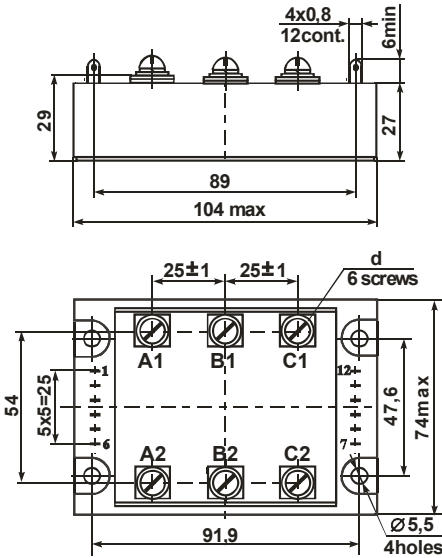




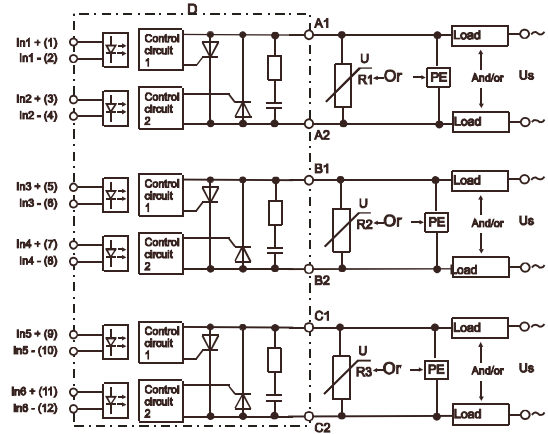
**MO26D-25-16; MO26D-40-16; MO26D-63-16; MO26D-80-16; MO26D-100-16; MO26D-125-16
TICKET**

Thyristor-thyristor module with three opposite connected thyristors and opto decoupling is intended for switching of powerful AC loads in three-phase networks.

OVERALL DRAWING AND INTERNAL CONNECTION CIRCUIT



Product description	d
MO26D-25(40,63,80)-16	screw M5
MO26D-100(125)-16	screw M6



D – module;
R1, R2, R3 – protective varistor of types CH2-1; CH2-2
with classification voltage:
$$U_{cl} = U_m^{rms} \cdot \sqrt{2} \cdot 1.1$$

 $U_{peak} > U_{cl} + 150$
Internal RC – circuit characteristics: R = 39 Ω, C = 0.01 μF

BASIC CHARACTERISTICS

T = 25 °C

Product name	Pulse open state voltage, U _I , V		Loss current on output, I _L , mA		On state input current, I _{in} , mA		Isolation voltage at DC (peak value) U _{isol} , V		Isolation resistance input-output Ris. in-out, MΩ	Isolation resistance radiator output-radiator Ris. Out-rad, MΩ	Thermal resistance junction-radiator, R _{th j-r} *, °C/W		
	I, A	U, V	U, V	U _{in} , V	min	max	min	t, min					
MO26D-25-16	1.65	79	1	±1600	10	17	4	30	4000	1	100	10	max
MO26D-40-16		126											1.00
MO26D-63-16		200											0.70
MO26D-80-16		251											0.60
MO26D-100-16		314											0.45
MO26D-125-16		393											0.30
* to thyristor													

MAXIMUM ALLOWABLE OPERATING MODES

Product name	Thyristor voltage (amplitude value), U _A , V	Opposite-parallel connected current, I _{rms} , A	Average current value trough the thyristor, I _{avr} *, A	On-state input voltage, U _{in. on} , V		Off-state input voltage, U _{in. off} , V		Pulse current on output I _{pul} *, A		Root-mean square current **, I, A	Switching voltage, U _{sw} , V		Rate of rise of output		Junction temperature, T _j ***, °C					
				min	max	min	max	max	t _{pul} , ms		min	max	voltage dU/dt, V/μs	current, dI/dt, A/μs	min	max				
MO26D-25-16	1600	25	17	4	30	-3.5	0.8	320	10	40	50	1150	1000	150	-40	125				
MO26D-40-16																	40	28	560	63
MO26D-63-16																	63	43	720	100
MO26D-80-16																	80	55	960	126
MO26D-100-16																	100	60	1250	157
MO26D-125-16																	125	95	1600	197

* to thyristor
** with opposite-parallel thyristors connection
*** the modules are designed for operating in the equipment with using of coolers supporting transition temperature in prescribed ranges

Precious metals are not contained