

ROTOR DIODES

KEY FEATURES

- ◆ **Pressure contact technology**
- ◆ **Highest reliability in mechanical conditions:**
 - by long time axial centrifugal accelerations up to 4800g (short-time to 6800g), acting along the symmetry axis towards the base
 - by long time tangential accelerations 500g, acting perpendicular to the axis of the diode
- ◆ **Direct and reverse polarity**



Type	V _{RRM}	I _{F(AV)}	I _{FSM}	V _{TO}	r _T	R _{th(j-c)}	T _{jmax}	M _d
	V	(T _C , °C)	t _p =10 ms	T _{jmax}	T _{jmax}			
		A	kA	V	mΩ	°C/W	°C	Nm
D275-200	2000-2600	200 (139)	8	0,80	0,74	0,09	160	16
D275-200X	2000-2400	200 (139)	8	0,80	0,74	0,09	160	16
D105-630	2000-2800	630 (100)	15	1,00	0,40	0,06	175	16
D105-630X	2000-2800	630 (100)	15	1,00	0,40	0,06	175	16

X – reverse polarity

TYPICAL APPLICATIONS

- ◆ **Brushless excitation systems of power electric machines**
- ◆ **Nuclear and thermal plants**
- ◆ **Oil-gas production and transport**



ELECTROVIPRYAMITEL
www.elvpr.ru

Tel: +7 8342 47 04 30

fax: +7 8342 47 15 01

e-mail: vpruvs@elvpr.ru