

Technical data

Nominal Voltage	U_N	24 V
Operating Voltage	U_{OP}	18 V...30 V
Voltage Drop	ΔU	≤ 100 mV @ IN
Pull- In Voltage	U_I	≤ 16 V @ TP
Pull-Off Voltage	U_O	≥ 4 V @ TP
Test Voltage	U_P	$26 \text{ V} \pm 0,4 \text{ V}$
Coil Current	I_C	≤ 80 mA ± 10 mA
Operate Time with Load	T_P	100.000 times/TP IN 2"ON / 2"OFF
Nominal Current	I_N	40 A
Max Continuous Current	I_{CM}	23 °C 50 A N/O 85 °C 40 A N/O
Max Switching Current	I_{SCA}	ON 130 A N/O OFF 55 A N/O
Short Time Current	I_M	130 A / 1 sec @ TP
Operating Temperature	T_{OP}	-40 °C...+85 °C
Storage Temperature	T_{STO}	+110 °C @ 2 h
Test Temperature	T_P	+20 °C ± 2 °C
Unit Weight	W	40 g

Materials

Baseplate	Nylon PA 6,6 + 30 % Glass fibre Black
Cap	Nylon PA 6,6 + 15 % Glass fibre
Bobbin Wire	24 V P155 IEC 60317
Spring	Cu Be 17410 ½ HT
Terminals	Cu Zn Term. 86,85: (6,3x0,8mm) Term. 87,30: (9,5x1,2mm)
Fixed Contact	Ag SnO2
Moving Contacts	Ag SnO2

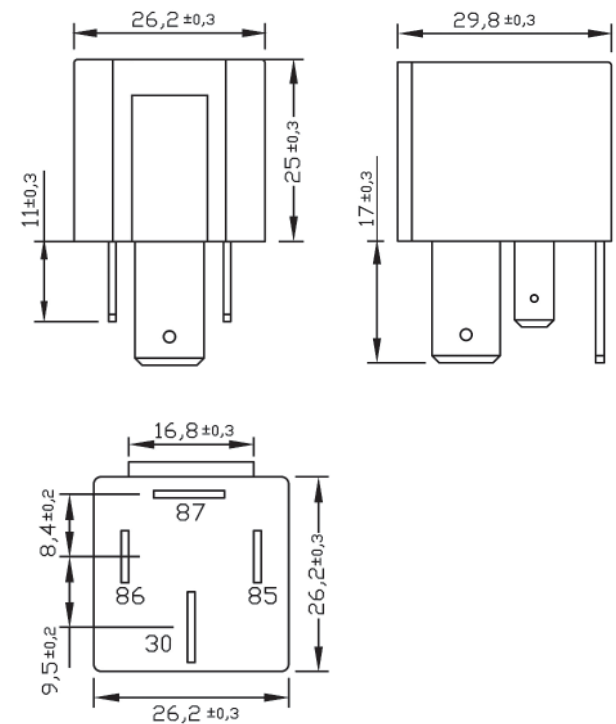
Approvals

In conformity with:	ISO 7588 – DIN 46244 – ISO 8092 UNI EN ISO 9001-2000 EU Dir. 2002/95/EC RoHS DIR. 95/54 CE REG. 10 ECE-ONU/02 DIN 40050: IP5K4 Terminals pointing downwards IMDS: 75948
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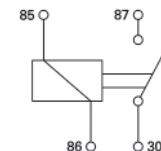
PR10-4B4-0-40A
Normally Open – Type B

Dimensions

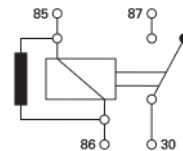


Wiring diagram

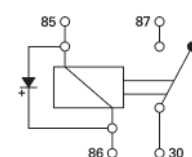
PR10-4B4-0-40A



PR1R-4B4-0-40A



PR1D-4B4-0-40A



Note: Recommended polarity:
86+ & 30+

Resistor Carbon Film
1500 Ω $\pm 5\%$

Diode IN4007
1000 V 1 A