

Technical data

Nominal Voltage	U_N	12 V
Operating Voltage	U_{OP}	9 V...15 V
Voltage Drop	ΔU	≤ 100 mV @ IN
Pull- In Voltage	U_I	≤ 9 V @ TP
Pull-Off Voltage	U_O	$\geq 2,5$ V @ TP
Test Voltage	U_P	13 V \pm 0,2 V
Coil Current	I_C	≤ 160 mA \pm 10 mA
Operate Time with Load	T_P	100.000 times/TP IN 2"ON / 2"OFF
Nominal Current	I_N	60 A N/C 70 A N/O
Max Continuous Current	I_{CM}	23 °C 70 A 85 °C 50 A
Max Switching Current	I_{SCA}	ON 90 A N/C 210 A N/O OFF 80 A N/C 110 A N/O
Short Time Current	I_M	110 A cont. N.C. 130 A cont. N.O. / 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 \pm 2 °C
Unit Weight	W	35 g

Materials

Baseplate	Nylon PA 6,6 + 30 % Glass fibre Black
Cap	Nylon PA 6,6 + 15 % Glass fibre
Bobbin Wire	12 V P155 IEC 60317
Spring	Cu Be 17410 ½ HT
Terminals	Cu Zn Term. 86,85: (6,3x0,8mm) Term. 87a,87,30: (9,5x1,2mm)
Fixed Contact	Ag SnO2
Moving Contacts	Ag SnO2
Metal Bracket	CK 67 Hardness 490 \pm 525 HV1

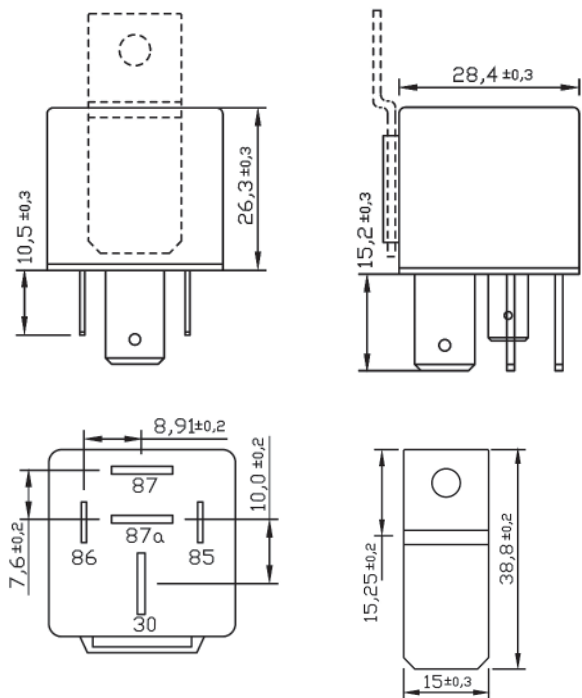
Approvals

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
---------------------	--



PR2x-2B5-0-70A
Change Over

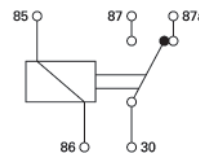
Dimensions



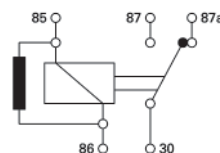
Bracket – cod. BS-03

Wiring diagram

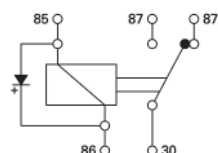
PR20-2B5-0-70A



PR2R-2B5-0-70A



PR2D-2B5-0-70A



Note: Recommended polarity:
86+ & 30+



Resistor Carbon Film
560 Ω \pm 5%



Diode IN4007
1000 V 1 A