

## Technical data

Nominal Voltage	$U_N$	24 V
Operating Voltage	$U_{OP}$	18 V...30 V
Voltage Drop	$\Delta U$	$\leq 100$ mV @ IN
Pull- In Voltage	$U_I$	$\leq 16$ V @ TP
Pull-Off Voltage	$U_O$	$\geq 4$ V @ TP
Test Voltage	$U_P$	26 V $\pm$ 0,4 V
Coil Current	$I_C$	$\leq 80$ mA $\pm$ 10 mA
Operate Time with Load	$T_P$	100.000 times/TP IN 2"ON / 2"OFF
Nominal Current	$I_N$	70 A
Max Continuous Current	$I_{CM}$	23 °C 70 A N/O 85 °C 55 A N/O
Max Switching Current	$I_{SCA}$	ON 150 A N/O OFF 80 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 $\pm$ 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

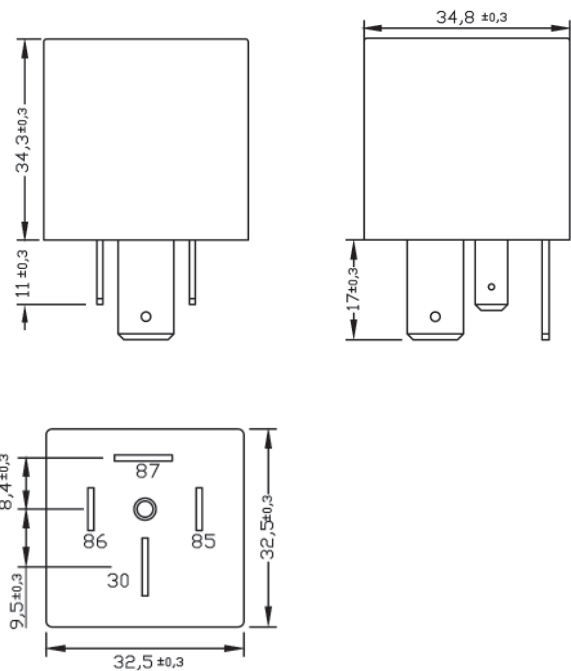
## Approvals

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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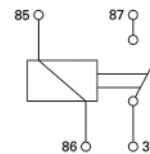
**PR10-4B4-0-70A**  
Normally Open – Type B

## Dimensions

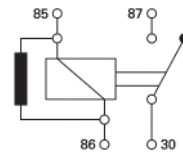


## Wiring diagram

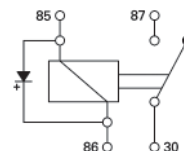
**PR10-4B4-0-70A**



**PR1R-4B4-0-70A**



**PR1D-4B4-0-70A**



**Note:** Recommended polarity:  
86+ & 30+



Resistor Carbon Film  
1500  $\Omega$   $\pm$  5%



Diode IN4007  
1000 V 1 A