E-T-A Micro Relay 12 V - 5 Pins - 15/25 A MR2x-205-0

Technical data

Nominal Voltage	U_N	12 V
Operating Voltage	U_{OP}	8 V…16 V
Voltage Drop	Δ_U	≤ 50 mV @IN
Pull- In Voltage	U_I	≤ 8 V @TP
Pull-Off Voltage	U_O	≥ 1,5 V @TP
Test Voltage	U_P	13 V ± 0,2 V
Coil Current	I_C	160 mA ± 15 %
Operate Time with Load	T_P	100.000 times/TP IN 2"ON / 2"OFF
Nominal Current	I_N	15/25 A
Max Continuous Current	I_{CM}	23 °C 15 A N/C 25 A N/O 85 °C 9 A N/C 15 A N/O
Max Switching Current ON	I_{sca}	35 A N/O 100 A N/O
Max Switching Current OFF	I_{sca}	15 A C/O 30 A N/O
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	20 g

Materials

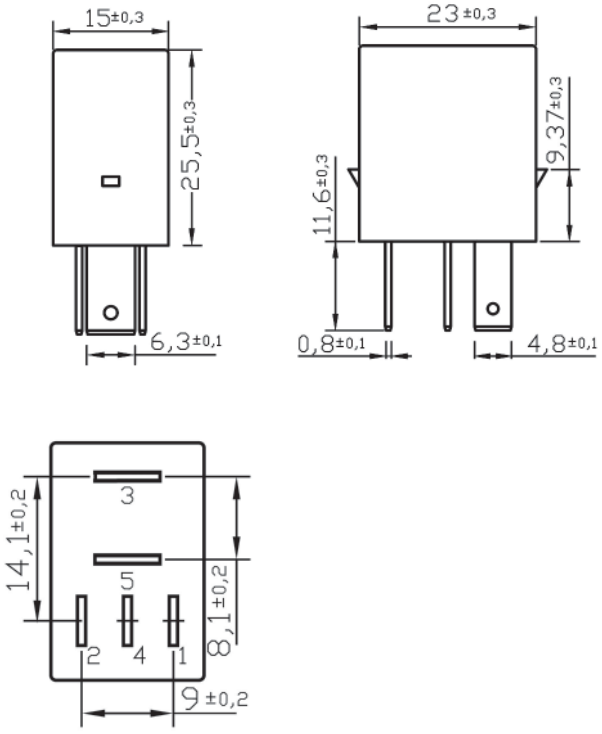
Baseplate	Nylon PA 6,6 + 30 % Glass fibre White
Cap	Nylon PA 6,6 + 15 % Glass fibre Black
Bobbin Wire	12 V P155 IEC 60317
Resin	Epoxide
Terminals	Cu Zn Term. 1, 2 & 4: (4,8 x 0,8 mm) Term. 3, 5 (6,3 x 0,8 mm)
Fixed Contact	Ag Ni 90/10
Moving Contacts	Ag Ni 90/10

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

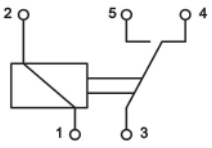
MR2x-205-0
Change Over

Dimensions



Wiring diagram

MR20-205-0



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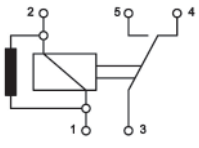
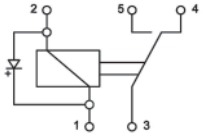


MR2D-205-0



Note: Recommended polarity:
1+ & 3+

Resistor Carbon Film
560 Ω ± 5%

Diode IN4007
1000 V 1 A