Timer Relay Reverser 12 V
with Impulse Starting Delay OFF (T) seconds 1” - 60”

TR20-2E5-1-xxS

Technical data

Nominal Voltage	U_N	12 V
Operating Voltage	U_{OP}	11 V…15 V
Coil Current	I_C	≤ 120 mA ± 5 %
Test Temperature	T_P	+20 °C ± 2 °C
Test Voltage	U_P	13 V ± 0,2 V
Nominal Load	P_N	20 A N/O 10 A N/C
Operating Temperature	T_{OP}	-40 °C…+80 °C
Storage Temperature	T_{STO}	+110 °C @ 2 h
Unit Weight	W	36 g
Life Time		200.000 cycles

Power supply (UP) impulsive on 15-31:after the impulse contact 30-87 switch to ON – contact 30-87a switch to off.

After programmed time in minutes (T) contact 30-87 switch back to OFF – contact 30-87a switch back to ON.

Materials

Baseplate	Nylon PA 6,6 + 30 % Glass fibre White
Cap	Nylon PA 6,6 + 15 % Glass fibre Red
Terminals	Cu Zn (6,3 x 0,8 mm)
Metal Bracket	CK 67 Hardness 490 ± 525 HV1

Approvals

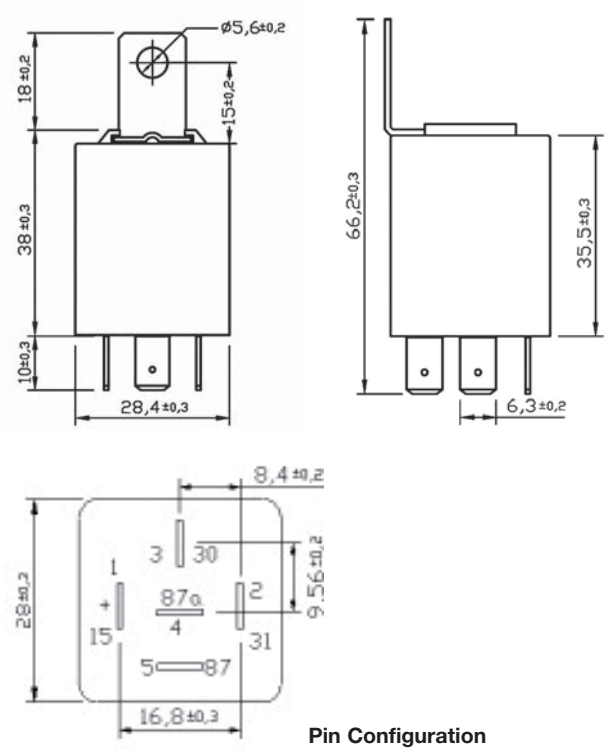
In conformity with:	ISO 7588 – DIN 46244 – ISO 8092
	UNI EN ISO 9001-2000
	EU Dir. 2002/95/EC RoHS
	DIR. 95/54 CE REG. 10 ECE-ONU/02
	DIN 40050: IP5K4 Terminals pointing downwards
	EMC DIN 40839

Part number information

The letter S, in the final part of code, needs to be replaced with a number that represents required delay in seconds.
(i.e. TR20-2E5-1-15S = 15 seconds delay)

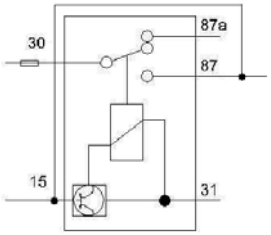
TR20-2E5-1-xxS
Delay OFF (t) seconds

Dimensions



Pin Configuration

Wiring diagram



Functioning scheme