STERKRAK

URAC3P

ANALOG TO DIGITAL EXTENSION DEVICE

DATASHEET

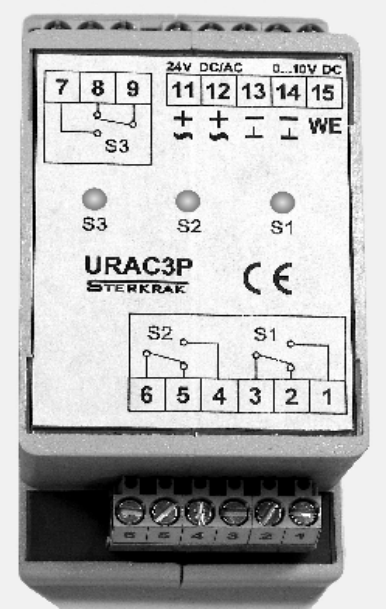

Fig.1 View of URAC3P.

DESCRIPTION

The URAC3P is three relay module which converts analog input signal 0 - 10V to four discrete output states. Relays have SPDT contacts. Built-in hysteresis circuit prevents contacts from "flickering" in switching points. LED diodes indicate output states according to the table:

U_{WE} [V] rising	U_{WE} [V] falling	S_1	S_2	S_3
0	0	○	○	○
3,9	3,2	●	○	○
6,9	6,3	○	●	○
9,9	9,3	○	○	●

adjust accuracy ± 0,5%

○ - opened contacts

● - closed contacts

TECHNICAL DATA

Power supply	24 V AC/DC ± 15%
Max. current consumption	35 for 24 V AC 19 for 24 V DC
Input resistance	100kΩ
Contacts switching capacity alternating current cosφ=1 direct current	 380V, 8A [2000VA] 32V, 8A
Mechanical endurance of contacts	$2x10^7$ operations
Protection class of the case / terminals	IP-40 / IP-20
Ambient temperature range	-10...+55° C
Diameter of terminals	2,5 mm^2
Protections	against reverse polarization
Mounting	DIN-35 or DIN-32 rail
Dimensions (L x W x H)	96mm x 48mm x 42mm
Weight	130 g

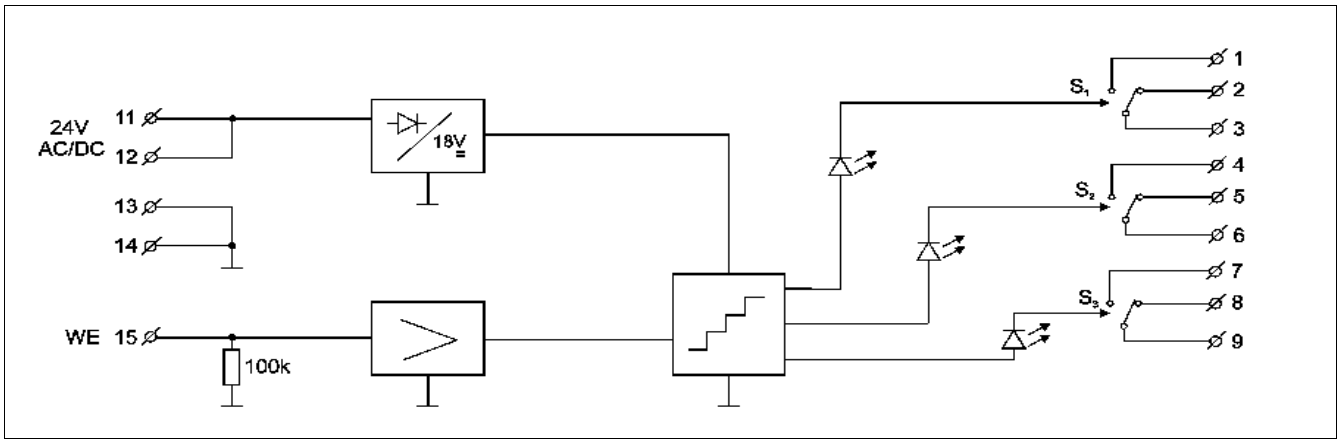

Fig.2 Connections of URAC3P.

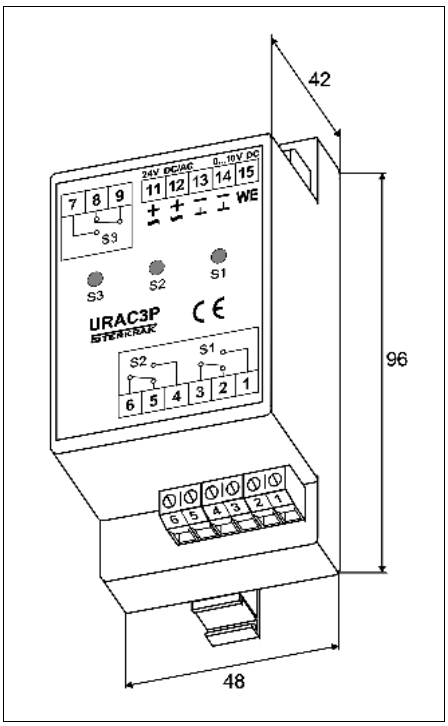

Fig.3 Dimensions of URAC3P.

ATTENTION:
Hysteresis width and thresholds can be individually established according to the specification.

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