



Fig.1 View of MUR16OC.

## DESCRIPTION

The MUR16OC has six galvanic separated, OC type discrete outputs. The module converts analog input signal 0 – 10 V to any digital combination of outputs. It has 10-bit analog to digital converter with 10mV sensitivity. The module is individually programmed on request of the customer considering time dependencies, hysteresis, switching thresholds and output logical states. **Input signal settling time** is an important parameter. It is set typically to 20ms and can be modified on request of the customer. This time should be equal or greater than output signal settling time of the controller. LED diodes indicate output states.

## TECHNICAL DATA

Power supply	24 V AC/DC $\pm$ 10%
Max. current consumption	76mA for 24V AC, 35mA for 24V DC
Input resistance	100k $\Omega$
Operating input voltage	0 – 10V
Sensitivity	10mV
Resolution	individually established
Input signal settling time	individually established
Hysteresis width	individually established
Output signal	unpotential contact - OC type
Max. output current	50mA
Max. Collector-Emitter voltage	30V
Max. output power dissipation	150mW
Protection class of the case / terminals	IP-40 / IP-20
Ambient temperature range	-10...+55° C
Diameter of terminals	2,5 mm <sup>2</sup>
Protections	against reverse polarization
Mounting	DIN-35 or DIN-32 rail
Dimensions (L x W x H)	96mm x 70,5mm x 42mm
Weight	135 g

# MUR160C

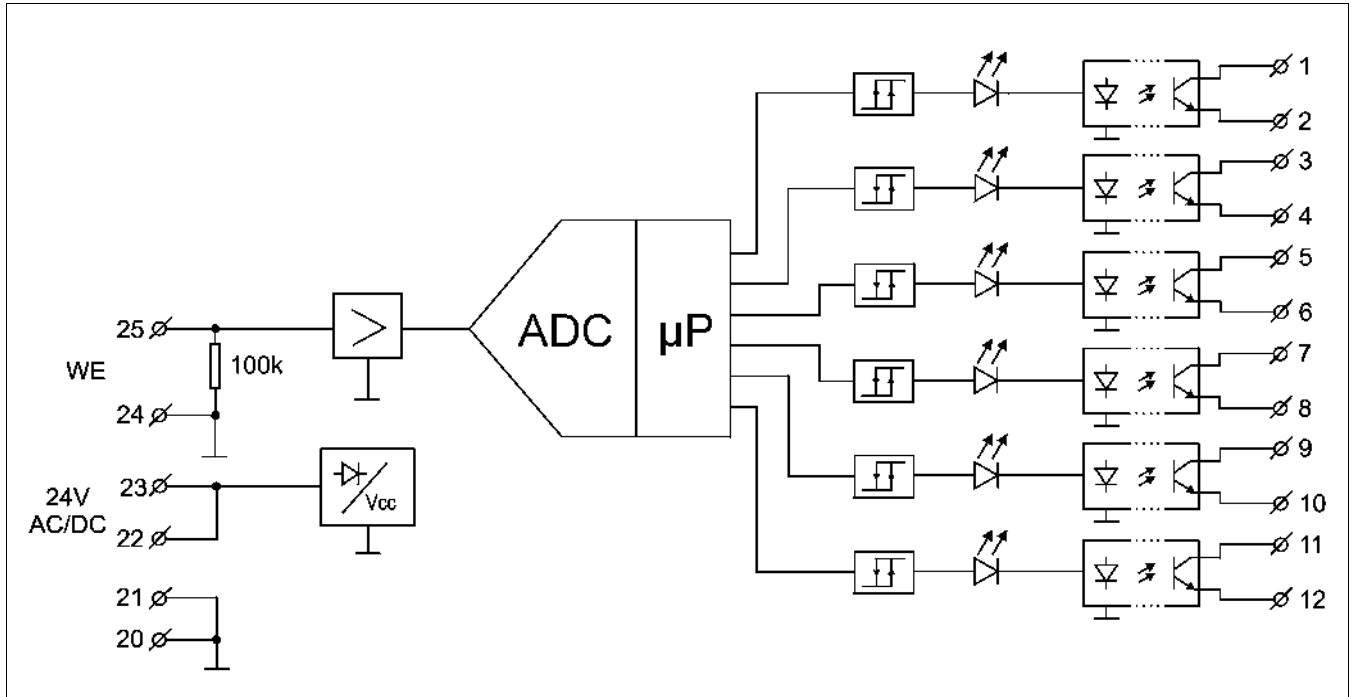


Fig. 2 Connections of MUR160C.

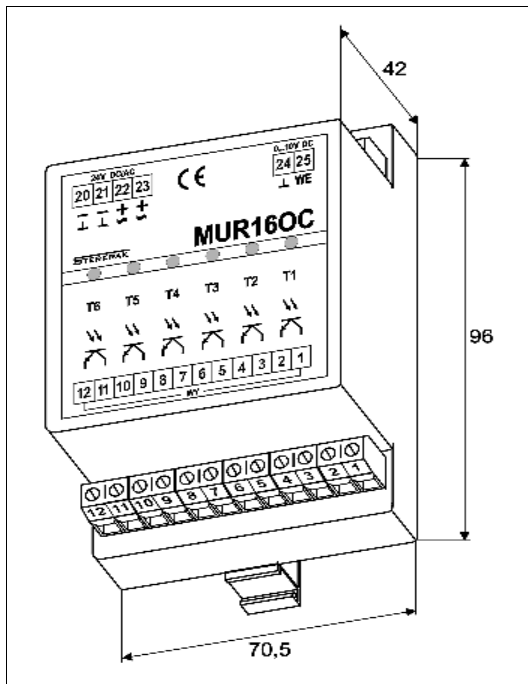


Fig. 3 Dimensions of MUR160C.

$U_{WE}$ [V] rising	$U_{WE}$ [V] falling	$T_6$	$T_5$	$T_4$	$T_3$	$T_2$	$T_1$
Transfer function, individually established							

adjust accuracy  $\pm 0,5\%$

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