



OMA 10S

- Manual switch of measuring points 4x 10
- Size of DIN 96 x 48 mm

The OMA 10S is a manual panel switch of measuring points. For its parameters, low transitional resistance and high endurance the switch is designed for low-voltage applications (e.g. for sensors Pt 100).

SWITCH OF MEASURING POINTS

OPERATION

Switching of the measuring points is performed by a revolving switch on the front panel.

TECHNICAL DATA

INPUT	
No of switching positions	4x 10 positions number of positions is adjustable inside the switch (2...10x 4)
Max. switching capacity	115 VDC / 300 mA
Max. switched current	100 mA
Initial contact resistance	< 50 mΩ
Stationary contact material	Ag / Ni + Au
Movable contact material	Ag + Be / Cu
Expected life	50 000 cycles (at current ≤ 100 mA)
Insulation resistance	1000 MΩ, between contacts and shaft
Meet the following requirements	MIL-S-3786:

MECHANIC PROPERTIES	
Material	Noryl, incombustible UL 94 V-1, black
Dimensions	96 x 48 x 120 mm (w x h x d)
Panel cutout	90.5 x 45 mm (w x h)
OPERATING CONDITIONS	
Connection	connector terminal blocks, section < 2.5 mm²
Working temperat.	-20°...60°C
Storage temperat.	-20°...85°C
Working humidity	< 95 % r.v., non condensing
Protection	IP40
ESD	15 kV
EL safety	EN 61010-1, A2
Insulation resist.*	500 V
RoHS	EN IEC 63000:2018

CONNECTION

ORDER CODE

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