

OMA 66



- External module for limit settings
- Setting for two limit values
- Communication via RS 232 or RS 485
- Size of DIN 96 x 48 mm
- Power supply 230 VAC

Options

Power supply 24 VAC, 110 VAC, 10...30 VDC

Description

The OMA 66 model is an external panel module for setting and projection of limit values for instruments of the series OM 351/371/374/472/501/601/611 and 621 with the condition of their equipment with data output. The instrument is based on an 8-bit controller that secures high accuracy, stability and easy operation of the instrument.

Operation

Instrument is set and controlled by push buttons +/- located on the front panel. Setting for each limit is independent. All programmable parameters are stored in the EEPROM memory (they hold even after the instrument is switched off.)

Standard functions

Limits setting

Setting push buttons +/-
Projection -99999...999999

External control

Lock control keys blocking

PRELIMINARY

Technical data

INPUT

Control: from instruments of the series OM 351/371/374/472/501/601/611/621
 Data format: rate 150...38 400 Baud
 8 bit + no parity + 1 stop bit
 RS 232 isolated
 RS 485 isolated, addressing (max. 31 instruments)

PROJECTION

Display: -99999...999999, red or green 7-segment LED, digit height 9,1 mm
 Decimal point: adjustable
 Brightness: adjustable

INSTRUMENT ACCURACY

Tempco: 60 ppm/°C
 Watch-dog: reset after 1,2 s
 Funkce: Lock - control keys blocking (upon contact)
 Calibration: at 25°C and 40 % r.h.

POWER SUPPLY

24/110/230 VAC, 50/60 Hz, ±10 %, 5 VA
 10...30 VDC/max. 300 mA, (24 VDC/max. 150 mA), isolated
 - power supply is protected by a fuse inside the instruments

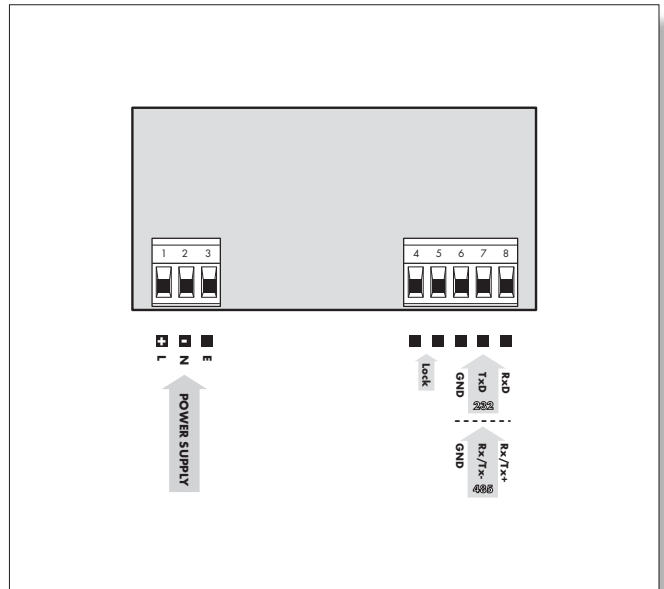
MECHANIC PROPERTIES

Material: Noryl GFN2 SE1, incombustible UL 94 V-I
 Dimensions: 96 x 48 x 110 mm
 Panel cut: 92 x 45 mm

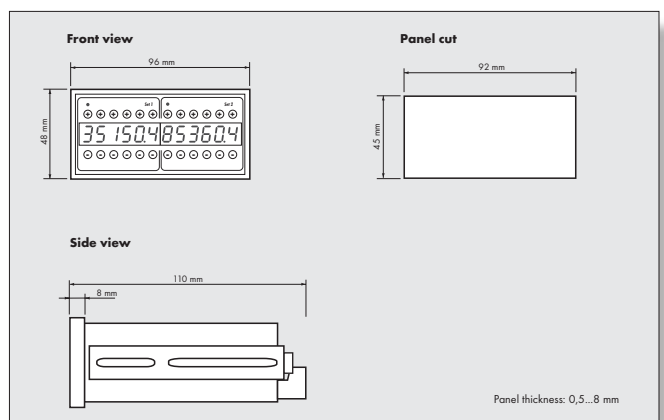
OPERATING CONDITIONS

Connection: connector terminal board, conductor section up to 2,5 mm²
 Stabilization period: within 15 minutes after switch-on
 Working temperature: 0°...60°C
 Storage temperature: -10°...85°C
 Covering: IP42, upon request IP64 (front panel only)
 Construction: safety class I
 Electrical safety: EN 61010-1, A2
 Overvoltage category: for pollution degree II
 III. - instrument power supply (300 V)
 II. - input, output (300 V)
 EMC: EN 61000-3-2-A12; EN 61000-4-2, 3, 4, 5, 8, 11; EN 550222, A1, A2

Connection



Dimensions



Order code

