



Fig. 1-1 NEMS 16

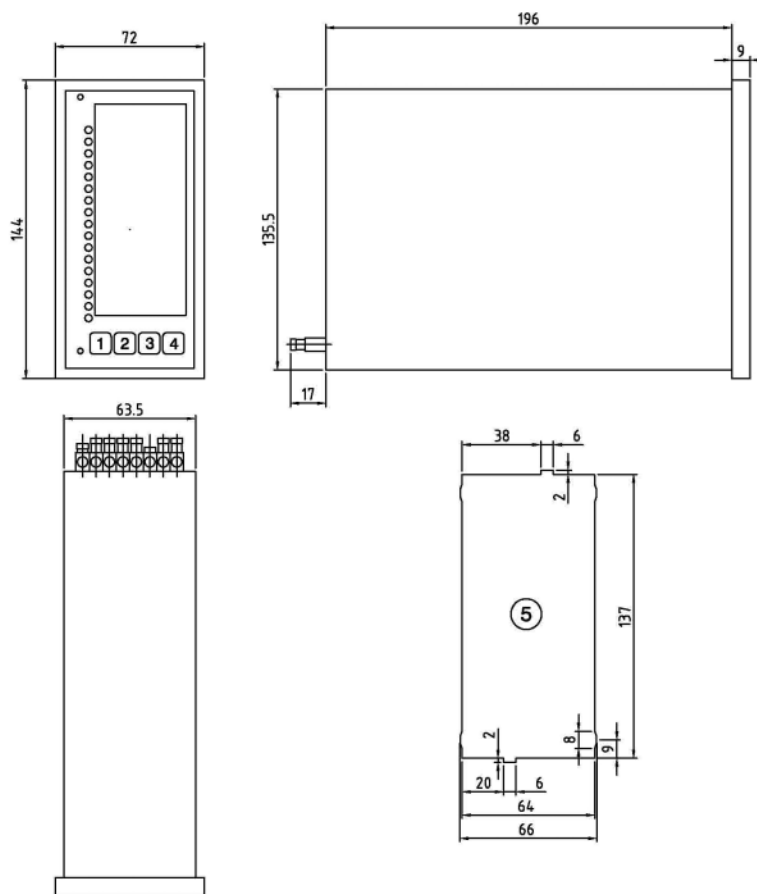


Fig. 1-2 Dimensional drawing NEMS 16

5 Dimensions panel cut out

Technical Data

Dimension

Dimensions (h x w x d) – instruments panel mounting – Wall mounting	72 x 144 x 200 mm (2.8 x 5.7 x 7.9 in.) 138 x 68 mm (5.4 x 2.7 in.)
Weight	1,25 kg (2.8 lb)
Material	black sheet steel housing
Mounting	– for panel mounting with lateral clamping elements – pluggable terminal

Input data

Line voltage	40 ... 370 VDC, as well as 40 ... 260 VAC, 50 ... 60 Hz
Power consumption	5 W, 5 VA

Characteristics

Inputs individually configurable	<ul style="list-style-type: none"> – 16 alarm inputs – contractor voltage: 12 VDC ... 48 VDC or 12 VAC ... 260 VAC – Fault/indicator function – Operating/ closed circuit current function – Virtual control via LAMTEC SYSTEM BUS – Input bypass – Release time from 0 ... 1 h 49 min – External acknowledgement function – Microprocessor controlled – Interference filter for each input – Voltage stable acc. to DIN-IEC 0801-4 – Electrically isolated inputs – Electrically isolated mains power supply – Indicator system network via LAMTEC SYSTEM BUS. Up to 64 NENS-16 devices can be connected with each other (1024 signal inputs) 	
Relay outputs	2 separate relays, with one isolated contact each (SPDT), individually programmable	
Indicator functions	<ul style="list-style-type: none"> – first-/new value message – Resolution 100 ms – LED mirror function – Contact chatter rejection – Classification of alarms via groups local/global 	
Indication	1	LED (green) = main power ON
	16 (rot)	two coloured LEDs first value = rapid flashing (2 Hz) new value = slow flashing (1 Hz)
	(green)	process indication = steady light ON/OFF

Characteristics

	Clear output message – FMS/ETAMATIC – Display- and control terminal via LSB (Option) – Printer output (Option) Label: – White card strip with clip, for insert into the foil pocket	
Operation	EQ	Cancels first value signal
	NQ	Cancels new value signal
	HQ	Cancels hooter
	LP	Lamp (LED) test
Communication interfaces	– LAMTEC SYSTEM BUS – Optional RS232 via additional module – Optional fieldbus (Profibus DP) via additional module	

Environmental conditions

Protection class (according to DIN-IEC 0801-4)	IP40 at the front (optional IP54)
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Order Information

In panel mounting housing 72 x 144 mm, contactor voltage 230 VAC, resolution appr. 1 ms

Description / Type	Order no.
NEMS 16, power supply voltage 230 VAC, without RS232-interface, in panel installation housing IP40	680R1200
NEMS 16, power supply voltage 230 VAC, with RS232-interface, panel installation housing IP40, incl. configuration software	680R1201



The information in this publication is subject to technical changes.

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LAMTEC Meß- und Regeltechnik
für Feuerungen GmbH & Co. KG

Wiesenstraße 6
D-69190 Walldorf
Phone: +49 (0) 6227 / 6052-0
Fax: +49 (0) 6227 / 6052-57
e-mail: info@lamtec.de
www.lamtec.de

LAMTEC Leipzig GmbH & Co. KG

Portitzer Straße 69
D-04425 Taucha
Phone: +49 (0) 34298 / 4875-0
Fax: +49 (0) 34298 / 4875-99

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