Indicator Light

AD-LM 6 FE-Vario

AD-LMB 6 FE-Vario

Description

The signal/fault indicator AD-LM 6 FE-Vario, for mounting at the front of the control panel, informs with 6 multicolour leds about errors or operating conditions with glowing or blinking. Because of the multicolour leds, it`s not necessary to change the leds for changing the colour. So it`s very easy to change the technical appliance. The AD-LM 6 Vario can catch and save short pulses at the inputs, and for resetting its possible to connect external buttons. The device comes with 12 independet inputs which are easy to allot to one or more leds. Its possible to generate a colour- change by changing the input. A keypress on the touch key at the front of the device, generates a light test for all leds (all leds white). The AD-LM 6 Vario has a RS485 bus interface, which can used for the configuration over the AD- Studio (PC). All messages can be labelled with the aid of inserted strips (i.e. paper, foil etc.). This signal/fault indicator is also available with no physical inputs as a bus version (AD-6 Vario LMB). This can be controlled by the remote terminal block AD-AB 32 or by an external master.

Application

Indicate signal/fault status of machines or plants.

Specific characteristics

- detachable terminal clamps
- multicolour leds
- configuration by PC
- 12 independent inputs
- short-circuit proof feeding voltage
- external terminal- block for hat rail available

Business data

Order number

AD-LM 6 FE-Vario	standard version with physical inputs
AD-LMB 6 FE-Vario	bus- version without physical inputs

Accessory

AD-AB 12/24/32 WG	terminal block for hat rail available with up to 32 inputs (only adaptable with the bus version) see: Datasheet AD-AB 12/24/32

Information

Downloads

Instruction manual	man-lmvario-ad-de.pdf
Configuration help	sman-lmvario-ad-en.pdf
Labelling template	lm6vario-beschriftung.pdf
Tender text	lm6vario.zip
Tender text	lmb6vario.zip
Safety instructions	ad-safety-instructions.pdf

Technical specifications

Active inputs

Voltage range	5 ... 30 V DC
Input resistance	> 45 kOhm

Supply

Voltage range AC	50 ... 253 V AC, 50/60Hz
Voltage range DC	22 ... 253 V DC
Nominal voltage AC / DC	230 V AC / 24 V
Power consumption AC / DC	3,2VA / 1,7W

Feeding voltage for contacts

Voltage	4,8 ... 5,2 V DC
Strength	max. 1 mA

Housing

Dimensions (WxHxD)	72x72x71 mm
Front panel cut out	68x68 mm
Protection class panel	IP 54
Protection class connection	IP 20
Connection method	detachable terminal clamp
Terminals, wire cross section	1,0 mm² Strand with wire end ferrule / 1,5 mm² one wire
Manner of fastening	Panel-mount-case
Weight	~ 145 g

Environmental conditions

Ambient temperature	-10 ... 50 °C
Storage and transport	-10 ... 70 °C (no condensation)

EMC

Product family standard	EN 61326-1
Emitted interference	EN 55011, CISPR11 Cl. B, Gr. 1

Electrical safety requirements

Product family standard	EN 61010-1

RS485- Bus

Max. attendance	32
Max. length of bus	100 m
Bus termination	120 Ohm (both sites of the bus)
Wiring	bus topology

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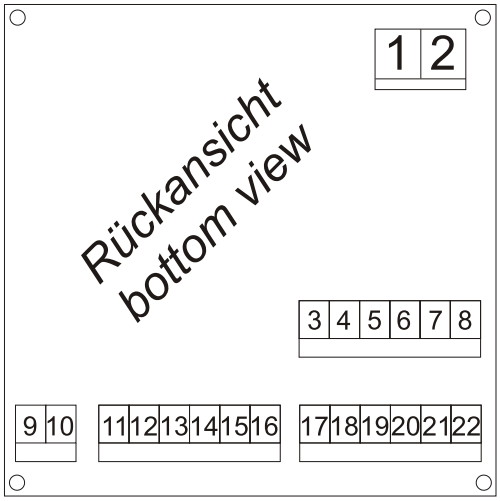
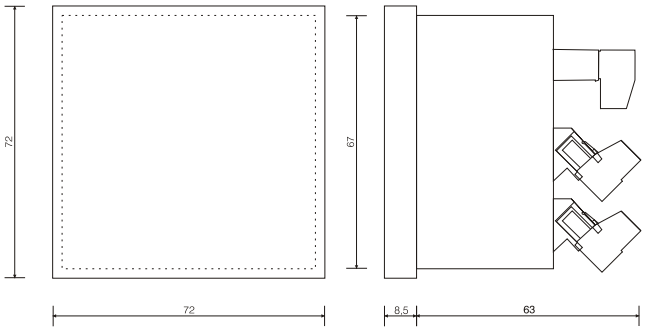
Technical specifications

Terminal assignment

Clamp	connection name
1	supply voltage
2	supply voltage
3	contact supply
4	contact supply
5	input for light test
6	ground
7	ground
8	ground
9	RS485 A
10	RS485 B
11	input 1
12	input 2
13	input 3
14	input 4
15	input 5
16	input 6
17	input 7
18	input 8
19	input 9
20	input 10
21	input 11
22	input 12

Block and wiring diagram



Dimensions