

DL2003

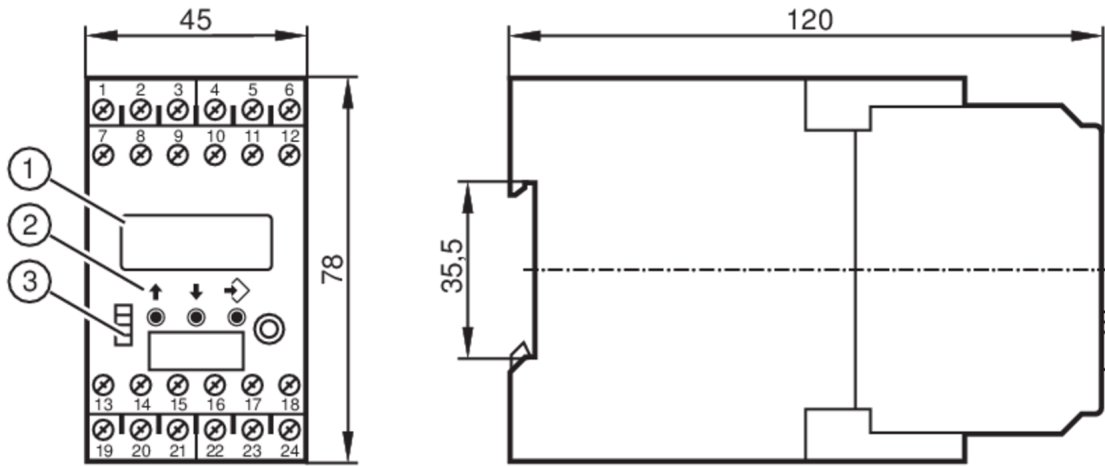


MONITOR

MONITOR/AL-3 /110-240VAC/DC

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- 1 LCD display
- 2 programming buttons
- 3 LED



Product characteristics

Housing	housing for DIN rail mounting
Dimensions [mm]	78 x 45 x 120

Application

Application	2-channel threshold relay for analogue standard signals
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Electrical data

Nominal voltage AC [V]	110...240
Nominal voltage DC [V]	27
Nominal voltage tolerance [%]	< 10
Nominal voltage tolerance 2 [%]	20...10
Nominal frequency AC [Hz]	50...60
Power consumption [W]	5

Operating conditions

Ambient temperature [°C]	-25...60
Protection	IP 50
Protection rating terminals	IP 20

Tests / approvals

EMC	EN 61010: 1993 + A2: 1995
	EMV 89/336/EWG
	EN 50081-1
	EN 61000-6-2



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MONITOR/AL-3 /110-240VAC/DC

Mechanical data	
Weight [g]	0.354
Housing	housing for DIN rail mounting
Dimensions [mm]	78 x 45 x 120
Materials	plastics
Displays / operating elements	
Display	switching status
	LED, green
	LCD display
Remarks	
Notes	discontinued article
Electrical connection	
dual-chamber terminals: 2 x ...2.5 mm ² ; AWG 14	
1	24 V DC supply voltage (L-)
2	24 V DC supply voltage (L+)
3	supply transistor outputs (L+)
4	analogue input GND
5	analogue input In1 (0/4...20 mA)
6	analogue input In2 (0/4...20 mA)
7	AC supply voltage (L1)
8	AC supply voltage (N)
9	not used
10	24 V DC Sensor supply (L+)
11	24 V DC Sensor supply (L-)
12	transistor output signal monitoring pnp
13	relay Out1 common
14	relay Out1 normally open
15	relay Out1 normally closed
16	transistor output Out1 pnp
17	release 1/2 pnp (+ 24 V DC)
18	reset 1/2 pnp (+ 24 V DC)
19	relay Out2 common
20	relay Out2 normally open
21	relay Out2 normally closed
22	analogue output Out3 0/4...20 mA (+)
23	analogue output Out3 0/4...20 mA (-)
24	transistor output Out2 pnp

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