DD2001

MONITOR

MONITOR/FR-1 /230VAC

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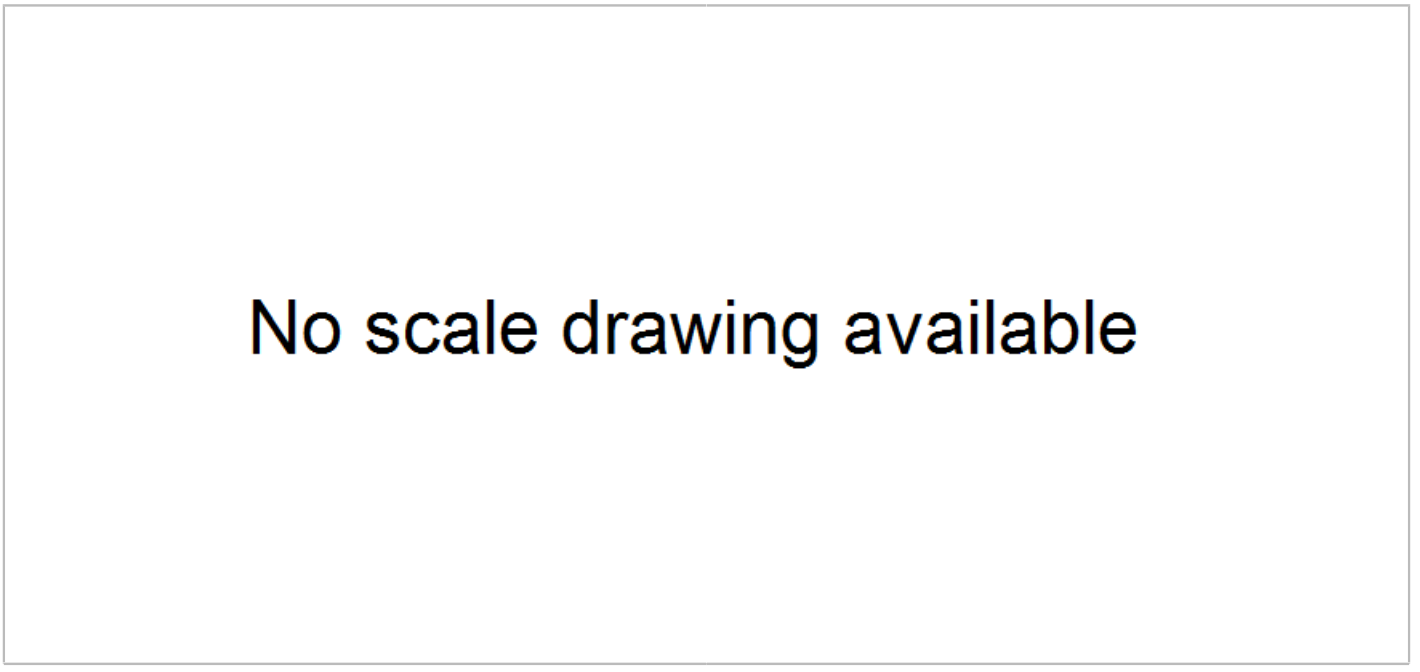
Alternative articles: DD2503

When selecting an alternative article and accessories please note that technical data may differ!



CE

Product characteristics		
Housing		housing for DIN rail mounting
Application		
Application		pulse evaluation system with microprocessor for frequency; rotational speed; speed; pulses and machine cycles
Electrical data		
Nominal voltage AC	[V]	< 230
Nominal voltage DC	[V]	24
Nominal voltage tolerance	[%]	10
Nominal voltage tolerance 2	[%]	10
Nominal frequency AC	[Hz]	50...60
Power consumption	[W]	3
Inputs / outputs		
Number of inputs and outputs		Number of analogue outputs: 1; Number of relay outputs: 2
Outputs		
Number of relay outputs		2
Contact rating		8 A (1250 VA / 250 V AC)
Number of analogue outputs		1
Analogue current output	[mA]	4...20
Max. load	[Ω]	500

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Measuring/setting range		
Setting range Hz	[Hz]	0.1...1000
Setting range	[Imp/min]	1...60000
Operating conditions		
Ambient temperature	[°C]	-20...60
Storage temperature	[°C]	-25...80
Max. relative air humidity	[%]	75
Protection		IP 50
Protection rating terminals		IP 20

Tests / approvals		
EMC	EN 61010	: 2001
	EMV 89/336/EWG	
	EN 61000-6-3	: 2007
	EN 61000-6-2	: 2005

Mechanical data		
Weight	[g]	0.365
Housing		housing for DIN rail mounting
Materials		plastics

Displays / operating elements		
Display	switching status	LED, green
		LCD display

Remarks	
Remarks	The unit complies with overvoltage category II; pollution degree 2

Electrical connection

dual-chamber terminals: 2 x ...2.5 mm²

1	DC supply voltage (L-)
2	DC supply voltage (L+)
3	current supply transistor outputs (L+)
4	sensor signal pnp
5	DC Sensor supply (L+)
6	DC Sensor supply (L-)
7	AC supply voltage
8	AC supply voltage
9	not used
10	sensor signal npn
11	not used
12	not used
13	relay 1 common
14	relay 1 normally open
15	relay 1 normally closed
16	transistor output 1 pnp
17	reset 1 pnp
18	reset 2 pnp
19	relay 2 common
20	relay 2 normally open
21	relay 2 normally closed
22	analogue output (+)
23	analogue output (-)
24	transistor output 2 pnp