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replaced by: DD2503; Artikel_lieferbar_bis_31_03_2014

No scale drawing available



Application

Application	pulse evaluation system with microprocessor for frequency; rotational speed; speed; pulses and machine cycles
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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
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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

Detection zone

Sensing range adjustable	no
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Measuring/setting range

Setting range Hz	[Hz] 0.1...1000
Setting range	[Imp/min] 1...60000

DD2001



MONITOR

MONITOR/FR-1 /230VAC

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; degree of soiling 2	
Notes	discontinued article	



MONITOR

MONITOR/FR-1 /230VAC

Electrical connection

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

1	DC supply voltage (L-)
2	DC supply voltage (L+)
3	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

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