

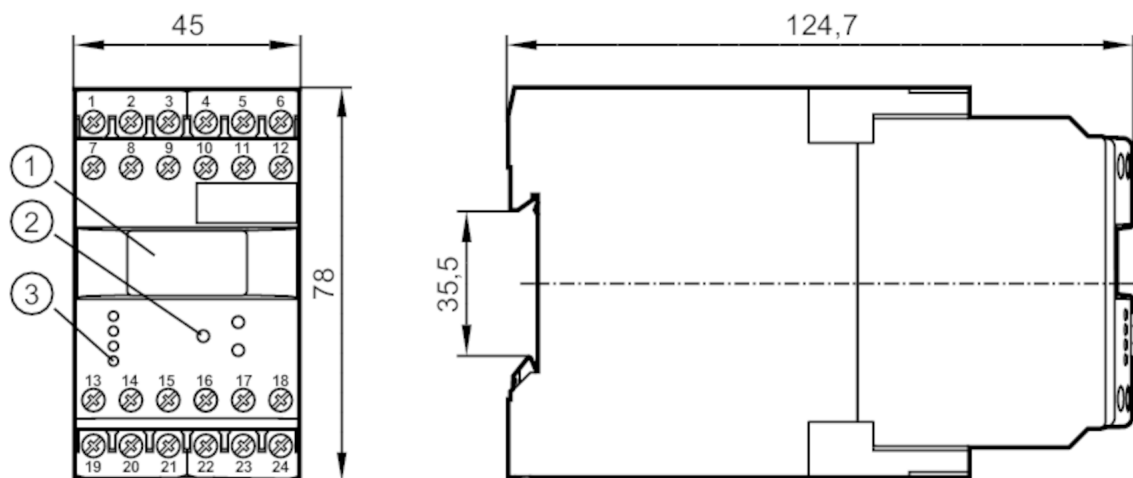
Evaluation unit for slip and synchronous monitoring

MONITOR/FS-2N/110-240VAC/DC

Article no longer available - archive entry

Alternative articles: DS2505

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



- 1 OLED display
- 2 programming buttons
- 3 LEDs



Product characteristics

Dimensions [mm] 78 x 45 x 124.7

Application

Application pulse evaluation system with microprocessor for slip and synchronous monitoring; evaluation of pulse differences

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]	3
Auxiliary energy for sensors DC	[V]	8.2

Inputs / outputs

Number of inputs and outputs Number of relay outputs: 2

Outputs

Number of relay outputs 2
Contact rating 6 A (250 V AC); B300, R300

Measuring/setting range

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



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Operating conditions		
Ambient temperature	[°C]	-40...60
Storage temperature	[°C]	-40...85
Max. relative air humidity	[%]	80; (40 °C: 50 %)
Protection		IP 50
Protection rating terminals		IP 20
Tests / approvals		
EMC	EN 61010	2011
	EMV 89/336/EWG	
	EN 61000-6-2	2005
	EN 61000-6-4	2007
Mechanical data		
Weight	[g]	381.5
Dimensions	[mm]	78 x 45 x 124.7
Materials		plastics
Displays / operating elements		
Display		OLED display, 128 x 64 pixels luminous
	switching status	LED, green
Remarks		
Remarks	The unit complies with overvoltage category II; pollution degree 2	
Electrical connection		
dual-chamber terminals: 2 x ...2.5 mm²; AWG 14		
1	DC supply voltage (L-)	
2	DC supply voltage (L+)	
3	current supply transistor outputs (L+)	
4	error output 1	
5	8.2 V DC Sensor supply 1 (L-)	
6	8.2 V DC Sensor supply 1 (L+)	
7	AC supply voltage (L)	
8	AC supply voltage (N)	
9	not used	
10	error output 2	
11	8.2 V DC Sensor supply 2 (L-)	
12	8.2 V DC Sensor supply 2 (L+)	
13	relay 1 common	
14	relay 1 normally open	
15	relay 1 normally closed	
16	stepping output 1	
17	release 1/2 pnp	
18	reset 1/2 pnp	
19	relay 2 common	
20	relay 2 normally open	
21	relay 2 normally closed	
22	not used	
23	not used	
24	stepping output 2	