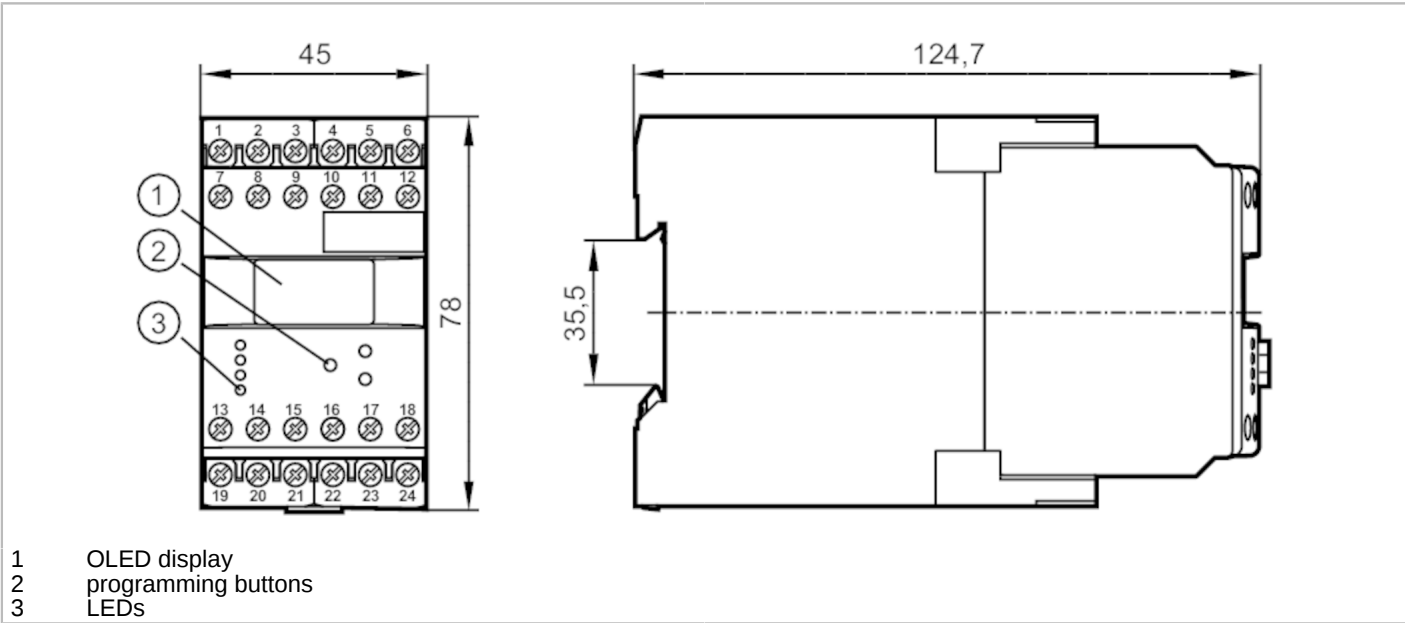




Evaluation unit for slip and synchronous monitoring

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

Article no longer available - archive entry



Product characteristics		
Dimensions	[mm]	78 x 45 x 124.7
Application		
Application	pulse evaluation system with microprocessor for 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]	19.6...27.7; (SELV, ≤ 150 mA)
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		
Measuring range	[Hz]	0.1...400
Operating conditions		
Ambient temperature	[°C]	-40...60
Storage temperature	[°C]	-40...85
Max. relative air humidity	[%]	80; (40 °C: 50 %)



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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]	382
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	sensor signal 1 pnp	
5	DC Sensor supply (L+)	
6	DC Sensor supply (L-)	
7	AC supply voltage (L)	
8	AC supply voltage (N)	
9	not used	
10	sensor signal 1 npn	
11	sensor signal 2 pnp	
12	sensor signal 2 npn	
13	relay 1 common	
14	relay 1 normally open	
15	relay 1 normally closed	
16	transistor output 1 pnp	
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	transistor output 2 pnp	