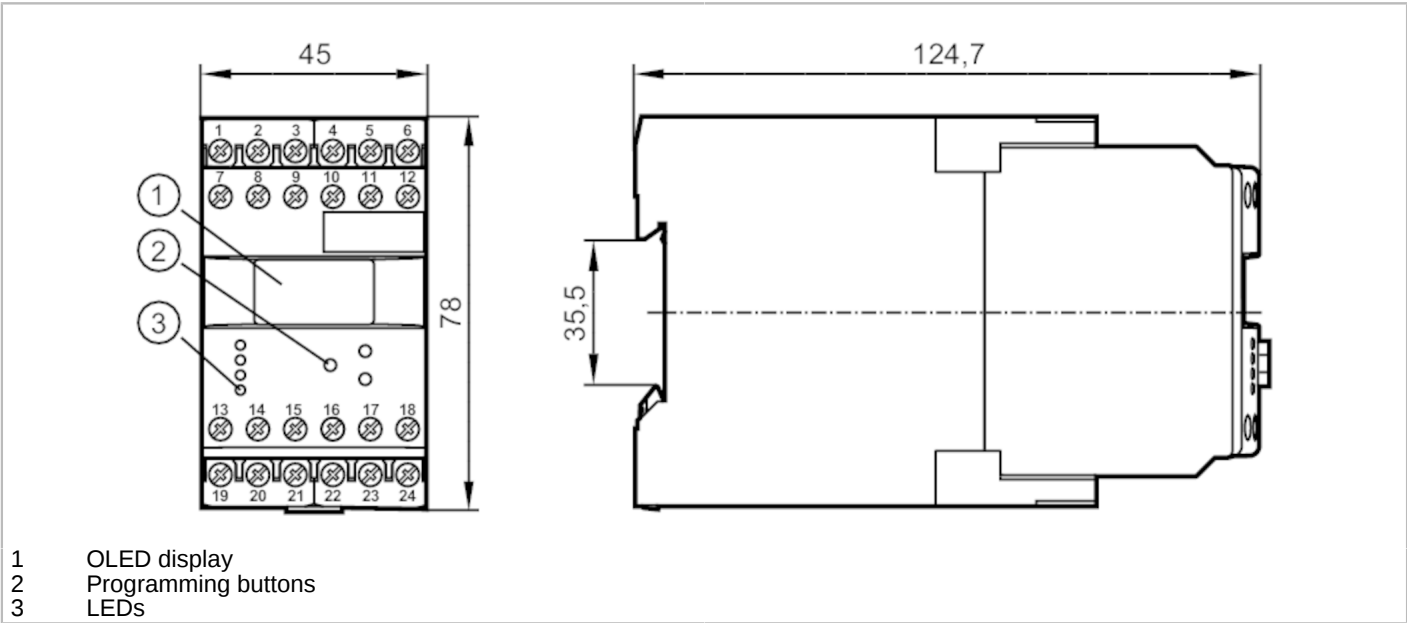


DS2505



Evaluation unit for slip and synchronous monitoring

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



- 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]	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 %)
Protection	IP 50	



Evaluation unit for slip and synchronous monitoring

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

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]	377.5	
Dimensions	[mm]	78 x 45 x 124.7	
Material	plastics		
Displays / operating elements			
Display			OLED display, 128 x 64 pixels luminous
	Switching status		LED, green
Remarks			
Remarks	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	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		