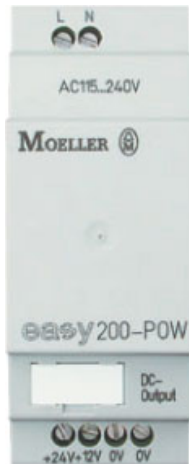


Type: **EASY200-POW**

Article No.: **229424**

Sales text **Sw.-mode POW unit,24VDC,0,2A,1ph.stabil.**



Primary-switched mode, stabilized

Ordering information

Description			Rated input voltage: 50/60 Hz: 100/240 V Rated output voltage: 24 V/12 V DC Rated output current: 0.35 A/20 A
For use with			easy500 easy700 easy800 MFD-CP8 EC4P

General

Standards			EN 55011, EN 55022, IEC/EN 61000-4, IEC/EN 60068-2-27
Dimensions (W × H × D)		mm	35.5 × 90 × 58 (2 space units)
Weight		kg	0,1
Mounting			Top-hat rail IEC/EN 60715, 35 mm or screw fixing using fixing brackets ZB4-101-GF1 (accessories)

Terminal capacities

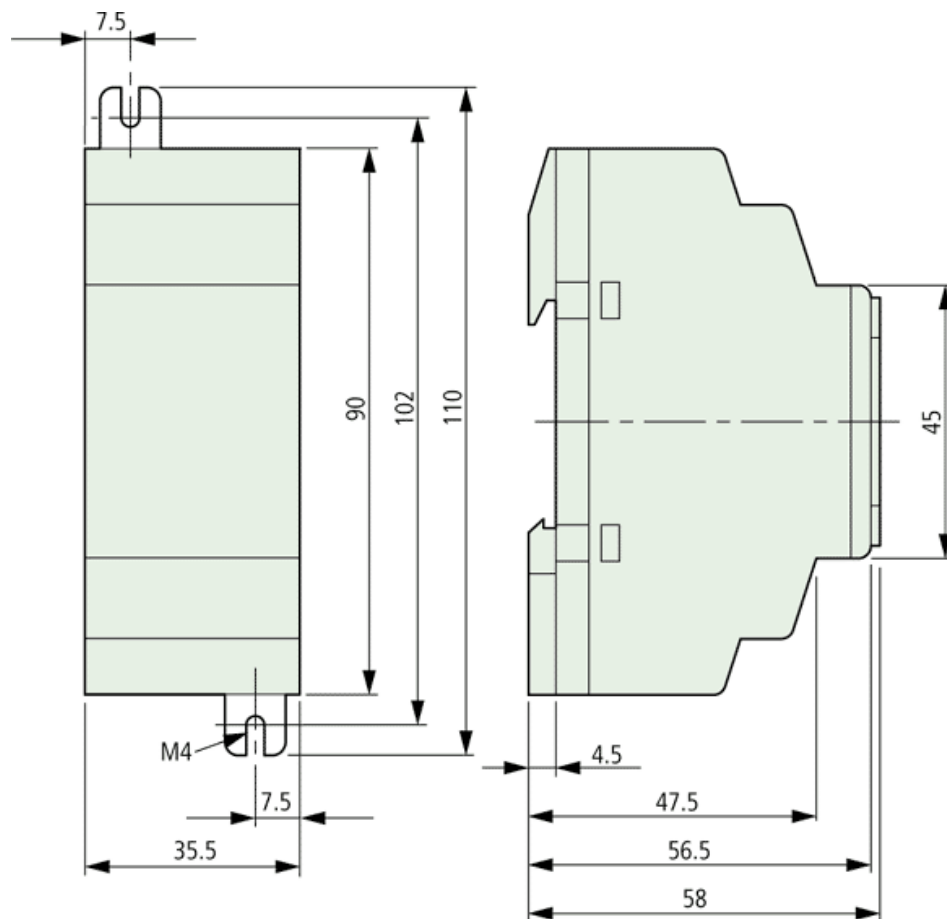
Solid		mm ²	0.2/4 (AWG 22 – 12)
Flexible with ferrule		mm ²	0.2/2.5 (AWG 22 – 12)

Standard screwdriver		mm	3.5 × 0.8
Max. tightening torque		Nm	0,6
Climatic environmental conditions			
Operating ambient temperature		°C	–25 ... 55, low temperatures to IEC 60068–2–1, high temperatures to IEC 60068–2–2
Condensation			Take appropriate measures to prevent condensation
Storage		°C	... 40...+70
Relative humidity, non–condensing (IEC/EN 60068–2–30)		%	5...95
Air pressure (operation)		hPa	795...1080
Max. installation altitude above sea level, observe derating with higher altitudes		m	2000
Ambient conditions, mechanical			
Pollution degree			2
Degree of protection IEC/EN 60529			IP 20
Vibrations (IEC/EN 60068–2–6)			
Constant amplitude 0.15 mm		Hz	10...57
Constant acceleration 2 g		Hz	57...150
Mechanical shock resistance (IEC/EN 60068–2–27) semi–sinusoidal 15 g/11 ms		Impacts	18
Drop to IEC/EN 60068–2–31	Drop height	mm	50
Free fall, packaged (IEC/EN 60068–2–32)		m	1
Mounting position			Horizontal/vertical
Electromagnetic compatibility (EMC)			
Electrostatic discharge (IEC/EN 61000–4–2, Level 3, ESD)			
Air discharge		kV	8
Contact discharge		kV	6
Electromagnetic fields (IEC/EN 61000–4–3, RFI)		V/m	10
Radio interference suppression (EN 55011)			EN 50011 Class B; EN 60715 Class B, EN 50081–2 Class B
Burst pulses (IEC/EN 61000–4–4, level 3)		kV	2
High–energy pulses (surge) (IEC/EN 61000–4–5)		kV	2 (supply cables, symmetrical)

High-energy pulses (surge) (IEC/EN 61000-4-5, level 2), 24 V		kV	0.5 (outgoer cables symmetrical, EASY...DC)
Immunity to line-conducted interference to (IEC/EN 61000-4-6)		V	10
Surge voltage (EN 50178), 24 V		kV	6
Insulation resistance			
Clearance in air and creepage distances			EN 50178
Insulation resistance			EN 50178
Protection class U_{out} to U_{in}			Class II to IEC 60536
Potential isolation primary/secondary			yes, SELV (VDE 0100 part 410; IEC 60364-4-41, HD 384.4.41 S2) EN 60950
Input voltage			
Rated input voltage AC		V	100/120/230/240 (-15/+10 %)
Protective switches AC			FAZ-C1/1 or FAZ-B6/1
Admissible range		V	85 – 265
DC protective switches			FAZ-C2/1-DC
Voltage range		V AC	85 – 264
Frequency range		Hz	47 – 63
Power failure bridging 115/230 V		ms	> 10/> 20
Fuse 115/230 V		A	1.5 slow
Rating data			
Efficiency		%	> 81
Power consumption		W	Normally 7
Power loss		W	Normally 1
Input current			
Input current rated value 115/230 V AC		A	Approx. 0.17/0.05
Inrush current at 25 °C 230 V		A	< 5
Output voltage			
12 V DC (reference voltage)			
Rated value		V DC	12
Tolerance		%	± 4
Switching peaks		mV _{SS}	< 7
Effect of input voltage		%	± 1
Effect with 25 – 100 % load change		%	± 1
24 V DC			
Rated value		V DC	24
Tolerance		%	± 3
Switching peaks 115/230		mV _{PP}	< 50/30

Effect of input voltage		%	± 1
Effect with 25 – 100 % load change		%	± 1
Output current			
12 V DC (reference voltage)			
Output current		mA	0 – 20
Effectiveness of current limitation		mA	20
Reduction of output voltage after current limitation		V	< 12
Overload proof			Yes, by current limitation permanently short-circuit proof
Proof against sustained short circuit			Yes
24 V DC			
Output current		A	0 – 0.35
Effectiveness of current limitation		A	> 0,4
Overload proof			Yes, by current limitation
Proof against sustained short circuit			Yes, hiccup-mode
Special load conditions			
Lamp load, cold, 24 V DC		W	2
Base load present		W	2
Behaviour on emergency-stop in 24 V circuit, disconnection with contactor (contactor load, no damage)		W	6
Displays			
Indication of output voltage (LED, continuous green light = OK)		V DC	24

Dimensions



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