

MM 0312 AC/DC (MM 0305, MM 0315)



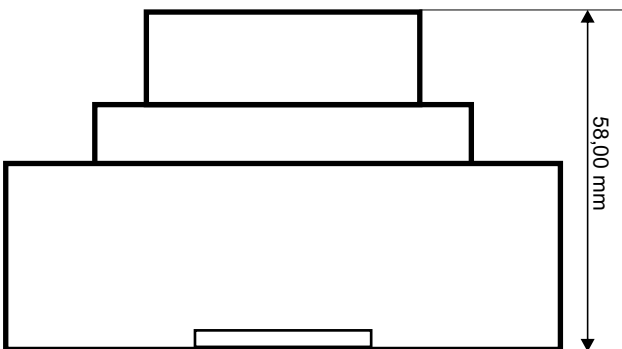
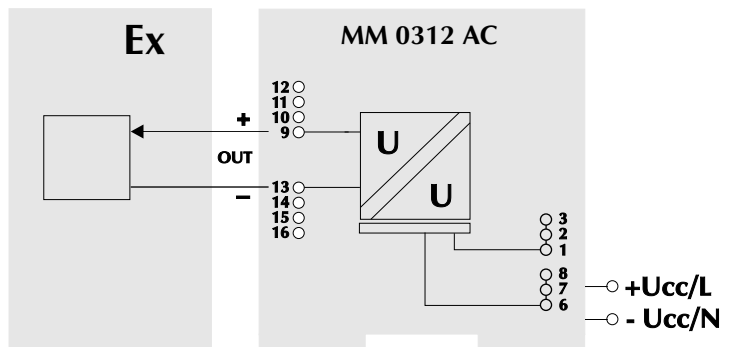
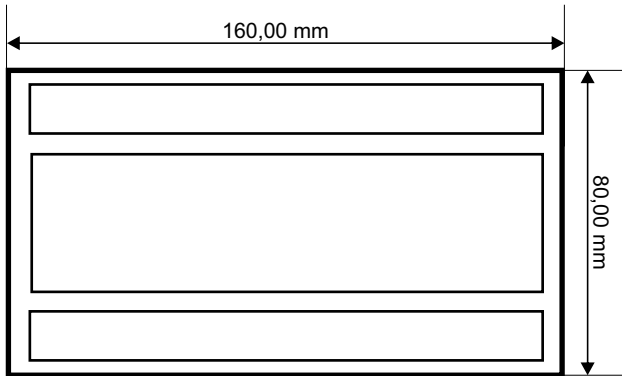
Intrinsically safe power supply unit 12V/200 mA

Description:

- intrinsically safe output
- single channel power supply unit
- isolated input and output
- short circuit protection
- fast recovery
- variant Exi ..

Terminal connections:

- | | |
|-------|------------------|
| 1-3 | +Ucc/L 230 V AC |
| 6-8 | - Ucc/N 230 V AC |
| 9-12 | output (+) |
| 13-16 | output (-) |



Types:

- MM 0305 AC/DC – output 5 V / 140 mA
- MM 0312 AC/DC - output 12 V / 200 mA
- MM 0315 AC/DC - output 15 V / 140 mA

Technical data:

Channels	1
Short protection	yes
Recovery time	50 us
Classification	II 1 G [Ex ia Ga] IIB, I M1 [Ex ia Ma] I.
Supply Umax	230 V/50 Hz nebo 18 - 36 V DC
Input power under load	max. 8 VA
IP protection	min. IP 20
Mount	DIN 35 rail
Dimensions	w x h x d 159 mm x 58 mm x 90 mm
Indication	green LED - mains voltage blue LED - i.s. output voltage red LED - overload (output voltage drop)
IIB:	U _o - 12,6 V, I _o - 560 mA, C _o - 3 uF, L _o - 300 uH, P _o - 3,53 W
I:	U _o - 12,6 V, I _o - 560 mA, C _o - 10 uF, L _o - 750 uH, P _o - 3,53 W