

28.0 mm Width; 18.0 mm Contact Clearance; 0 - 250 V



Advantages/Benefits



- EaseOn Technology
"push-in & turn-off"
- Optional versions with
LED, rectifier, recovery
diode, pole protection and
varistor

Design/Function

EaseOn Technology:

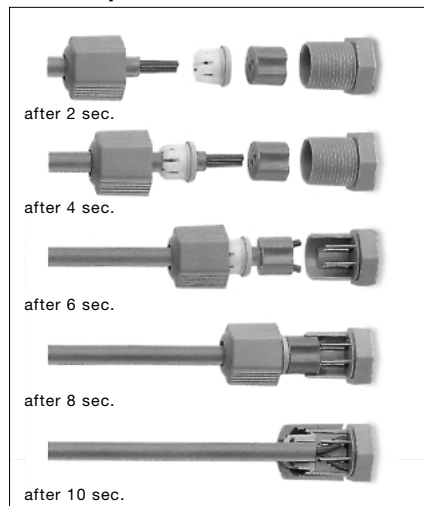
Easy to handle
i.e. no special tools necessary.

- Cut-off the cable
- Strip the cable insulation
- Push-in the two insulated wires just as they are
- Screw it tight
- Ready to use

For normal cable glands (Form A), please see data sheet Type 2508.

For cable plug with High Power Electronic (Form A), please see data sheet Type 2511 HL.

Five steps for connection:



Applications

Plug-in connection for electrical devices and components, especially solenoid valves with lateral tag connectors.

EaseOn Technology for cable plug equivalent to type 2508.

Tag configurations according to DIN 43650, form A.

Technical data type 2512

Materials

Body	Polyamide PA
Cover	Polyamide PA (without LED) Polysulfone (with LED)
Contacts	Brass, electro silverplated (Contact distance: 18 mm)

Isolation

between cable plug & coil	NBR gasket 1.5 mm
Cable outlet (orientated on single valves)	Vertically to the plug bottom, can be rotated by 4 x 90° after removal

Contact clearance 18 mm

Contact resistance 5 mΩ

Continuous limit temp. +80°C

Electrical cable connection EaseOn Technology
"push-in & turn-off"
(acc. to DIN 60352-4)
Insulation displacement
contacts-IDC

Solenoid Tag configuration
(acc. to DIN 43650, Form A)

Cable diameter 5.6 up to 8.5 mm
(with PG 13.5)

Conductor cross section 0.75 up to 1.5 mm²

Poles 2-pole and protection earth

Cable outlet 1 x PG 13.5
3-pole upwards

Nominal voltage 0 up to 250 V standard,
others see ordering chart

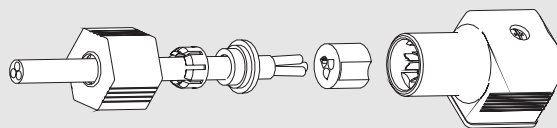
Functional display LED, red

Insulation group C

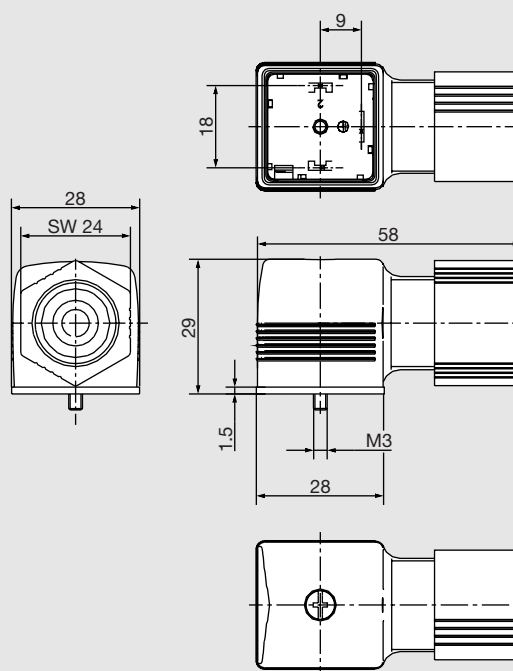
Rating IP67

Max. continuous current 6 A without wiring

EaseOn cable plug:



Dimensions [mm]

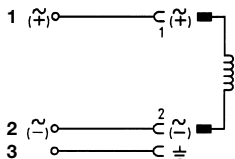


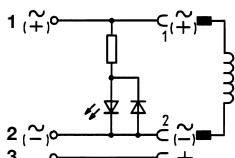
Specifications - Ordering Chart (Other Versions on Request)

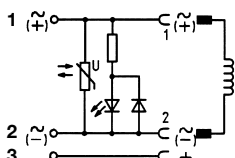
All cable plugs are supplied with 2 poles and protective earth, mounting screw M 3.0 x 30 mm and gasket.

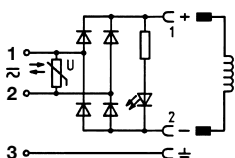
Circuitry	Voltage	Max. current	Item No.
No circuitry	0.0 - 250.0 V AC/DC	6 A	138 790 G
With LED	12.0 V DC - 24.0 V AC/DC	6 A	138 791 V
With LED, varistor and rectifier	12.0 - 24.0 V AC/DC	1 A	138 795 Z
With LED, varistor and rectifier	100.0 - 120.0 V AC/DC	1 A	138 796 S
With LED, varistor and rectifier	200.0 - 240.0 V AC/DC	1 A	138 797 T
With LED and varistor	12.0 V DC - 24.0 V AC/DC	6 A	138 792 W
With LED and varistor	100.0 - 120.0 V AC/DC	6 A	138 793 X
With LED and varistor	200.0 - 240.0 V AC/DC	6 A	138 794 Y
With LED, pole protection and recovery diode	12.0 - 24.0 V DC	1 A	138 798 C

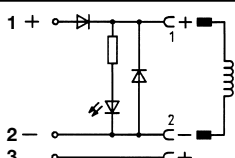
Wiring Diagrams - Connection Specifications

Without wiring (Standard)			
Voltage	Max. continuous current	Order-No.	
0 - 250 V AC/DC	6 A	138 790 G	

With LED, to indicate switched position			
Voltage	Max. continuous current	Order-No.	
12 V DC* / 24 V AC/DC	6 A	138 791 V	

With LED and varistor, to protect the LED in case of voltage transients			
Voltage	Max. continuous current	Order-No.	
12 V DC* / 24 V AC/DC	6 A	138 792 W	
100 - 120 V AC/DC	6 A	138 793 X	
200 - 240 V AC/DC	6 A	138 794 Y	

With rectifier, LED and varistor, to protect the LED in case of voltage transients			
Voltage	Max. continuous current	Order-No.	
12 - 24 V AC/DC	1 A	138 795 Z	
100 - 120 V AC/DC	1 A	138 796 S	
200 - 240 V AC/DC	1 A	138 797 T	

With pole protection, Recovery diode and LED for intrinsically safe circuits			
Voltage	Max. continuous current	Order-No.	
12 - 24 V DC	1 A	138 798 C	

* The alternative current (AC) is half wave rectified. Therefore, the power supply for the LED is available only in a half periode. At 12 V AC, this power is not sufficient to lighten the LED fully.

