

**Standard internal thread DIN valve connector, IP65 rated. Available with different thread style, gaskets and circuitry. Conforms to EN 175301-803**

## Specifications

### ELECTRICAL

Max. Current: 16.0A  
 Contact Resistance: ≤15milliohms max.  
 Insulation Resistance:  
 100Megohms min.  
 Max. Conductor: 1.50mm<sup>2</sup> / 16AWG

### MECHANICAL

Insertion and Withdrawal Force:  
 2+GND ≤ 60N

### CERTIFICATION

UL recognized, *cURus* marked, file E218123 (product available upon request or specific part number)

### PHYSICAL

Durability: min. 50 cycles  
 Contact Area: Silver  
 Operating Temperature with:  
 Nitrile Rubber (NBR) Gasket: -40° +90°C  
 Silicone Gasket: -40° +125°C  
 Cable Diameter Range:  
 PG9-M16 6.00-8.00mm  
 PG11-M20 8.00-10.00mm  
 Live Contact Distance: 18.00mm

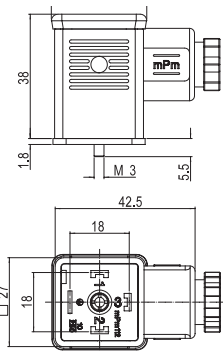
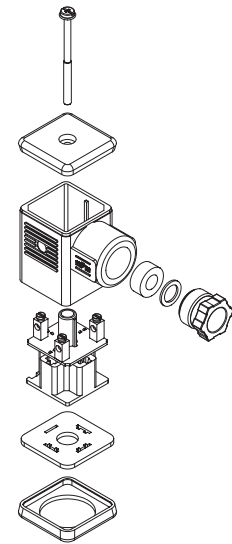
### ENVIRONMENTAL

IP65 sealing protection  
 (IP67 available on request)

## Electronic

**S11 2 09 T C4 2 1**

- SERIES** ————— S11=Internal Thread Form A
- POLES** ————— 2=2Poles+Ground 3=3Poles+Ground
- THREAD** ————— 09=PG7 11=PG7 M6=M16x1,5
- COVER COLOR** ————— N=Black Cover G=Gray Cover T=Transparent W=V0 Black Cover (only with UL listed Conn)
- CIRCUIT** ————— see page 33
- VOLTAGE & LED COLOR** ————— see page 33
- SCREW & GASKET** ————— 1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw 3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw



**Note:** UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200W2RSNSA

**Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders**

Packaging Type		Poles	Circuit	Voltage	LED Color	Engineering No.	Standard Order No.
Bulk Pack	Mounted	2+Ground	R0	24V AC	NO	S11209NR021	121064-0248
			R0	230V AC	NO	S11209NR051	121064-0250
			R2	24V AC	yellow	S11209NR2H1	121064-1811
			R2	230V AC	yellow	S11209NR2M1	121064-1692

Our circuit range provides LED indication or suppressor circuitry for surge protection.

Many other circuit configurations are available upon request; contact your local sales representative to identify the proper EDP number to use in your purchase orders.

### Circuit Options

SUPPLY VOLTAGE AND LED COLOR		
1 = 12V	A = 12V	G = 12V
2 = 24V	B = 24V	H = 24V
3 = 48V	C = 48V	K = 48V
4 = 115V	D = 115V	L = 115V
5 = 230V	E = 230V	M = 230V

Red LED (1-5), Green LED (A-E), Yellow LED (G-M)

Input	Circuit Schematic	Load	Circuit Description	Available on Product Type
V AC/DC			<b>CIRCUIT A1</b> With bipolar LED, provides a luminous signal when power is applied.	Connectors Series S, Series E (only with Electronic) and Series A
V DC			<b>CIRCUIT C3</b> With LED and diode to protect against peak of overvoltage when switching off.	Connectors Series S, Series E (only with Electronic) and Series A
V AC/DC			<b>CIRCUIT C4</b> With bipolar LED and VDR to protect supply and switch against peak of overvoltage.	Connectors Series S, Series E (only with Electronic) and Series A
V AC/DC			<b>CIRCUIT D0</b> With VDR to protect supply and switch from peak of overvoltage.	Connectors Series S, Series E (only with Electronic)
V DC			<b>CIRCUIT E0</b> With diode to protect against peak of overvoltage when switching off.	Connectors Series S, Series E (only with Electronic)
V AC/DC			<b>CIRCUIT S0</b> With transient suppressor (transil) to provide blocking of input and output overvoltage. a bipolar LED provide a visual information when power is applied.	Connectors Series S, Series E (only with Electronic) and Series A
V AC/DC			<b>CIRCUIT S1</b> With transient suppressor (transil) to provide blocking of input and output overvoltage.	Connectors Series S, Series E (only with Electronic)
V AC			<b>CIRCUIT R0</b> Full wave bridge rectifier with VDR to protect against overvoltage.	Connectors Series S53/54/11, Series E451 (only with Electronic)
V AC			<b>CIRCUIT R2</b> Full wave bridge rectifier with VDR to protect against overvoltage and LED to confirm the presence of the rectified DC voltage.	Connectors Series S53/54/11, Series E451 (only with Electronic)