

Product Male cable connector, PG 9  
Area RD 24 connectors

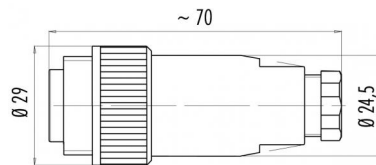
serie 693

Pole 6+PE  
Article number 99 0217 00 07

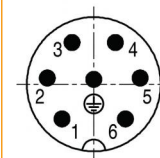
#### illustration



#### scale drawing



#### Contact Arrangement



|    | X     | Y     |
|----|-------|-------|
| 1  | -3,25 | -3,54 |
| 2  | -4,76 | 0,63  |
| 3  | -2,22 | 4,26  |
| 4  | 2,22  | 4,26  |
| 5  | 4,76  | 0,63  |
| 6  | 3,25  | -3,54 |
| PE | 0,00  | 0,50  |

You can find the item description on the next page.

#### Technical data

##### Common values

|                          |                          |
|--------------------------|--------------------------|
| Connector Design         | Male cable connector     |
| Connector locking system | Screw                    |
| Termination              | screw                    |
| Wire gauge (mm)          | 0,34-1,5 mm <sup>2</sup> |
| Wire gauge (AWG)         | 22-16                    |
| Cable outlet             | 6 - 8 mm                 |
| Upper temperature        | +100 °C                  |
| Lower temperature        | -40 °C                   |

##### Material

|                          |                 |
|--------------------------|-----------------|
| Material of contact      | CuZn (brass)    |
| Contact plating          | Ag (silver)     |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing      | PBT (UL 94 V 0) |

##### Cable data

Contacts 6+PE, male cable connector, PG 9,  
screw

##### Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 250 V              |
| Rated impulse voltage | 4000 V             |
| Pollution degree      | 3                  |
| Overvoltage category  | III                |
| Material group        | III                |
| Rated current (40°C)  | 10 A               |
| Volume resistivity    | ≤ 5 mΩ             |
| EMV compliance        | not shielded       |
| Degree of protection  | IP 67              |
| Mechanical operation  | >500 mating cycles |



Product Male cable connector, PG 9  
Area RD 24 connectors

serie 693

Pole 6+PE  
Article number 99 0217 00 07

Date: 2014-07-20 - Page 2 of 2

#### Item description

