

Datasheet

Art.No. 59.903.1055.0

Socket plug WBF 2,5-10

Socket plug with spring clamp connection - preconfigured, 10-poles, color gray



|            |               |
|------------|---------------|
| Art.No.    | 59.903.1055.0 |
| EAN        | 4049088049071 |
| Order unit | 25 pieces     |

Approvals



Technical data

General

|  |                     |
|--|---------------------|
| Nominal cross section                                      | 2.5 mm <sup>2</sup> |
| Colour   | Grey                |
| Width/grid dimension                                       | 50 mm               |
| Insulating housing   | PA666               |
| Inflammability class of insulation material acc. with UL94 | V0                  |
| Explosion-tested version "Ex e"                            | No                  |
| Mounting method  | Direct mounting     |
| Terminal blocks for electrical installations               | No                  |

Technical data

|                             |               |
|-----------------------------|---------------|
| Rated current               | 32 A          |
| Rated voltage               | 500 V         |
| Rated impulse voltage       | 8 kV          |
| Pollution degree            | 3             |
| Closing plate required      | No            |
| Type of insulation material | Thermoplastic |
| Length                      | 20.8 mm       |

Connection Data

|                             |                          |
|-----------------------------|--------------------------|
| Connection type 1           | Tension clamp connection |
| Connection type 2           | Plug-in connection       |
| Minimum cross section solid | 0.13 mm <sup>2</sup>     |
| Maximum cross section solid | 4 mm <sup>2</sup>        |

|                                     |                      |
|-------------------------------------|----------------------|
| Minimum cross section fine stranded | 0.13 mm <sup>2</sup> |
| Maximum cross section fine stranded | 4 mm <sup>2</sup>    |
| Wire strip length                   | 11 mm                |

### Technical Data UL/CSA

|                        |           |
|------------------------|-----------|
| Cross section UL       | 24-12 AWG |
| Voltage UL             | 500 V     |
| Current factory wiring | 20 A      |
| Current field wiring   | 20 A      |
| Cross section CSA      | 24-12 AWG |
| Voltage CSA            | 500 V     |
| Current CSA            | 20 A      |

### Classification

|            |          |
|------------|----------|
| ECLASS 8.1 | 27141120 |
| ETIM 6.0   | EC000897 |
| ETIM 5.0   | EC000897 |
| ETIM 4.0   | EC000897 |
| ETIM 3.0   | EC000897 |

### Accessories / components

| Art.No.:      | Type:                      | Description   |
|---------------|----------------------------|---|
| Z7.280.6227.0 | Jumper bar IVBWKf 2,5 - 2  | Cross connector, insulated for DIN rail terminal blocks type WKf..., 2 -pole  |
| Z7.280.6327.0 | Jumper bar IVBWKf 2,5 - 3  | Cross connector, insulated for DIN rail terminal blocks type WKf..., 3 -pole  |
| Z7.280.6427.0 | Jumper bar IVBWKf 2,5 - 4  | Cross connector, insulated for DIN rail terminal blocks type WKf..., 4 -pole  |
| Z7.280.6527.0 | Jumper bar IVBWKf 2,5 - 5  | Cross connector, insulated for DIN rail terminal blocks type WKf..., 5 -pole  |
| Z7.280.6627.0 | Jumper bar IVBWKf 2,5 - 6  | Cross connector, insulated for DIN rail terminal blocks type WKf..., 6 -pole  |
| Z7.280.6727.0 | Jumper bar IVBWKf 2,5 - 7  | Cross connector, insulated for DIN rail terminal blocks type WKf..., 7 -pole  |
| Z7.280.6827.0 | Jumper bar IVBWKf 2,5 - 8  | Cross connector, insulated for DIN rail terminal blocks type WKf..., 8 -pole  |
| Z7.280.6927.0 | Jumper bar IVBWKf 2,5 - 9  | Cross connector, insulated for DIN rail terminal blocks type WKf..., 9 -pole  |
| Z7.280.7027.0 | Jumper bar IVBWKf 2,5 - 10 | Cross connector, insulated for DIN rail terminal blocks type WKf..., 10 -pole |

