

## Han PP PFT plastic rectangular QL power



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 35 232 0331                                                                |
| Specification      | Han PP PFT plastic rectangular QL power                                       |
| HARTING eCatalogue | <a href="https://harting.com/09352320331">https://harting.com/09352320331</a> |

### Identification

|                |                             |
|----------------|-----------------------------|
| Category       | Connectors                  |
| Series         | Han® PushPull (V14)         |
| Identification | Power                       |
| Element        | Panel feed trough set       |
| Features       | Intuitive locking mechanism |

### Version

|                    |                                                |
|--------------------|------------------------------------------------|
| Termination method | Han-Quick Lock® termination                    |
| Shielding          | Unshielded                                     |
| Number of contacts | 5                                              |
| Locking type       | PushPull                                       |
| Pack contents      | incl. bulkhead mounted housing and male insert |

### Technical characteristics

|                               |                             |
|-------------------------------|-----------------------------|
| Conductor cross-section       | 0.5 ... 2.5 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 24 ... AWG 12           |
| Rated current                 | 16 A                        |
| Rated voltage                 | 690 V                       |
| Rated impulse voltage         | 8 kV                        |
| Pollution degree              | 3                           |
| Rated voltage acc. to UL      | 600 V                       |
| Limiting temperature          | -40 ... +70 °C              |
| Mating cycles                 | ≥500                        |



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## Technical characteristics

|                                        |                                            |
|----------------------------------------|--------------------------------------------|
| Degree of protection acc. to IEC 60529 | IP65<br>IP67                               |
| Vibration resistance                   | 5-150 Hz, 5 g, 0.35 mm, 2h/axis            |
| Shock resistance                       | 5 g / 30 ms, 3 shocks / axis and direction |

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                                     |
| Colour (insert)                           | Grey                                                   |
| Material (contacts)                       | Copper alloy                                           |
| Surface (contacts)                        | Silver plated                                          |
| Material (hood/housing)                   | Polycarbonate (PC)                                     |
| Colour (hood/housing)                     | Black                                                  |
| Material flammability class acc. to UL 94 | V-0                                                    |
| RoHS                                      | compliant with exemption                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50                                                     |
| REACH Annex XVII substances               | Not contained                                          |
| REACH ANNEX XIV substances                | Not contained                                          |
| REACH SVHC substances                     | Yes                                                    |
| REACH SVHC substances                     | Lead                                                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead<br>Nickel                                         |

## Specifications and approvals

|                |                                                            |
|----------------|------------------------------------------------------------|
| Specifications | IEC 61076-3-118<br>EN 45545-2                              |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals      | DNV GL                                                     |

## Commercial data

|                |         |
|----------------|---------|
| Packaging size | 1       |
| Net weight     | 23.85 g |



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Commercial data

|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| Country of origin              | Germany                                             |
| European customs tariff number | 85366990                                            |
| GTIN                           | 5713140054240                                       |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |
| ETIM                           | EC002636                                            |
| UNSPSC 24.0                    | 39121408                                            |

Mating face

