

## Han PP Power plug plastic QL AWG20-14



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

|                    |   |
|--------------------|---|
| Part number        | 09 35 232 0423  |
| Specification      | Han PP Power plug plastic QL AWG20-14   |
| HARTING eCatalogue | <a href="https://harting.com/09352320423">https://harting.com/09352320423</a> |

### Identification

|                |                                 |
|----------------|---------------------------------|
| Category       | Connectors                      |
| Series         | Han <sup>®</sup> PushPull (V14) |
| Identification | Power                           |
| Element        | Connector sets                  |
| Features       | Intuitive locking mechanism     |

### Version

|                    |   |
|--------------------|---|
| Termination method | Han-Quick Lock <sup>®</sup> termination |
| Shielding          | Unshielded                              |
| Number of contacts | 5                                       |
| Locking type       | PushPull                                |
| Pack contents      | incl. plastic housing and female 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                        |



**Pushing Performance**  
 Since 1945

## Technical characteristics

|  |  |
|--|--|
| Degree of protection acc. to IEC 60529 | IP65<br>IP67                               |
| Clamping range                         | 9 ... 13 mm                                |
| 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)                         | Thermoplastic  |
| Material (contacts)                       | Copper alloy   |
| Surface (contacts)                        | Silver plated  |
| Material (hood/housing)                   | Thermoplastic  |
| Colour (hood/housing)                     | Black  |
| Material (O-ring)                         | NBR  |
| Material (cable seal)                     | TPE  |
| 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   |
| ECHA SCIP number                          | 5dbb3851-b94e-4e88-97a1-571845975242                   |
| California Proposition 65 substances      | Yes  |
| California Proposition 65 substances      | Lead   |
| California Proposition 65 substances      | Nickel   |
| California Proposition 65 substances      | Naphthalene  |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 61076-3-118  |
| 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                     | 35.2 g  |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140054295                                       |
| ETIM                           | EC002636  |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |

## Mating face

