Pushing Performance
Since 1945

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	https://harting.com/09352320423

Identification

Category	Connectors
Series	Han® PushPull (V14)
Identification	Power
Element	Connector sets
Features	Intuitive locking mechanism

Version

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

Technical characteristics

Conductor cross-section (mm²)	0.5 ... 2.5 mm²
Conductor cross-section (AWG)	AWG 24 ... AWG 12
Wire outer diameter	≤3.8 mm
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

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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Technical characteristics

Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 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 Nickel

Specifications and approvals

Specifications	IEC 61076-3-118
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
Approvals	DNV GL

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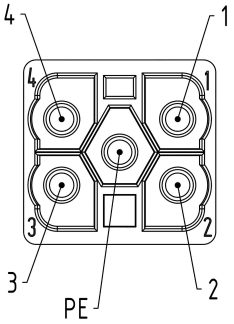
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Commercial data

Packaging size	1
Net weight	35 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140054295
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408

Mating face



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