

# Han HV module, 40A 5000V male

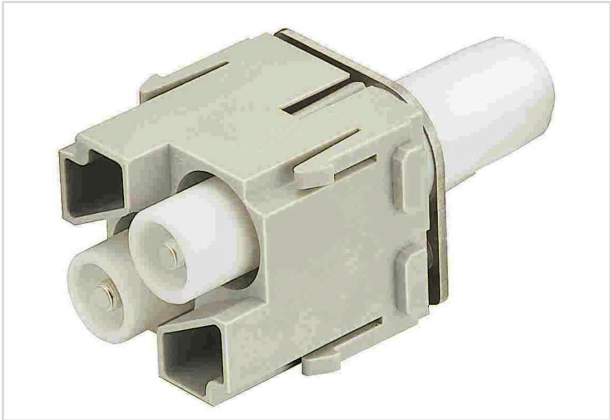


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 14 002 3023                                                                |
| Specification      | Han HV module, 40A 5000V male                                                 |
| HARTING eCatalogue | <a href="https://harting.com/09140023023">https://harting.com/09140023023</a> |

## Identification

|                           |                           |
|---------------------------|---------------------------|
| Category                  | Modules                   |
| Series                    | Han-Modular®              |
| Type of module            | Han® HV module            |
| Size of the module        | Double module             |
| Description of the module | for Han® C crimp contacts |

## Version

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Termination method | Crimp termination                                    |
| Gender             | Male                                                 |
| Number of contacts | 2                                                    |
| Details            | Please order crimp contacts separately.              |
| Pack contents      | 1 module<br>2 locking sleeves<br>2 heat shrink tubes |

## Technical characteristics

|                                   |                |
|-----------------------------------|----------------|
| Conductor cross-section           | 1.5 ... 10 mm² |
| Wire outer diameter               | ≤9 mm          |
| Rated current                     | 40 A           |
| Rated voltage conductor-earth     | 2,900 V        |
| Rated voltage conductor-conductor | 5,000 V        |
| Rated impulse voltage             | 15 kV          |
| Pollution degree                  | 3              |



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## Technical characteristics

|                          |                   |
|--------------------------|-------------------|
| Rated current acc. to UL | 31 A              |
| Rated voltage acc. to UL | 5,000 V           |
| Insulation resistance    | $>10^{10} \Omega$ |
| Limiting temperature     | -40 ... +125 °C   |
| Mating cycles            | $\geq 500$        |

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (insert)                         | Polycarbonate / Teflon (PTFE)                          |
| Colour (insert)                           | RAL 7032 (pebble grey)                                 |
| 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<br>Nickel                                         |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10)                    |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)                           |

## Specifications and approvals

|                |                                                            |
|----------------|------------------------------------------------------------|
| Specifications | IEC 60664-1<br>IEC 61984<br>EN 50124-1<br>IEC 60352-4      |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals      | DNV GL                                                     |



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## Commercial data

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Packaging size                 | 1                                                         |
| Net weight                     | 49 g                                                      |
| Country of origin              | Germany                                                   |
| European customs tariff number | 85389099                                                  |
| GTIN                           | 5713140019850                                             |
| eCl@ss                         | 27440217 Module for industrial connectors (power/signals) |
| ETIM                           | EC000438                                                  |
| UNSPSC 24.0                    | 39121552                                                  |