



Pushing Performance  
Since 1945

# Han shielded module HMC male



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 14 220 3013                                                                |
| Specification      | Han shielded module HMC male                                                  |
| HARTING eCatalogue | <a href="https://harting.com/09142203013">https://harting.com/09142203013</a> |

## Identification

|                           |                                  |
|---------------------------|----------------------------------|
| Category                  | Modules                          |
| Type of module            | Han <sup>®</sup> Shielded module |
| Description of the module | Insert                           |

## Version

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Termination method | Crimp termination                                                                  |
| Gender             | Male                                                                               |
| Number of contacts | 20                                                                                 |
| further contacts   | + shielding                                                                        |
| Details            | Please order crimp contacts separately.<br>Please order adapter module separately. |

## Technical characteristics

|                               |                               |
|-------------------------------|-------------------------------|
| Conductor cross-section       | 0.09 ... 0.52 mm <sup>2</sup> |
| Wire outer diameter           | ≤1.9 mm                       |
| Rated current                 | 4 A                           |
| Rated voltage                 | 32 V                          |
| Rated impulse voltage         | 0.8 kV                        |
| Pollution degree              | 3                             |
| Rated voltage acc. to UL      | 30 V                          |
| Rated voltage acc. to CSA     | 30 V                          |
| Contact resistance, shielding | ≤100 mΩ                       |
| Limiting temperature          | -40 ... +85 °C                |



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## Technical characteristics

|                           |                                         |
|---------------------------|-----------------------------------------|
| Mating cycles             | ≥10,000                                 |
| Note on the mating cycles | Mating cycles with other HMC components |

## Material properties

|                                           |                              |
|-------------------------------------------|------------------------------|
| Material (insert)                         | Liquid crystal polymer (LCP) |
| Material (shielding)                      | Zinc die-cast, nickel-plated |
| Material flammability class acc. to UL 94 | V-0                          |
| RoHS                                      | compliant                    |
| ELV status                                | compliant                    |
| China RoHS                                | e                            |
| REACH Annex XVII substances               | Not contained                |
| REACH ANNEX XIV substances                | Not contained                |
| REACH SVHC substances                     | Not contained                |
| California Proposition 65 substances      | Not contained                |

## Specifications and approvals

|                |                          |
|----------------|--------------------------|
| Specifications | IEC 60664-1<br>IEC 61984 |
| UL / CSA       | UL 1977 ECBT2.E235076    |
| Approvals      | DNV GL                   |

## Commercial data

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Packaging size                 | 1                                                |
| Net weight                     | 35.12 g                                          |
| Country of origin              | Romania                                          |
| European customs tariff number | 85389099                                         |
| GTIN                           | 5713140187733                                    |
| eCl@ss                         | 27440218 Module for industrial connectors (data) |
| ETIM                           | EC000438                                         |
| UNSPSC 24.0                    | 39121552                                         |