

## Han 3A-Base angled-M20



| Part number        | 19 20 003 1160                      |
|--------------------|-------------------------------------|
| Specification      | Han 3A-Base angled-M20              |
| HARTING eCatalogue | https://b2b.harting.com/19200031160 |

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

#### Identification

| Category                    | Hoods/Housings        |
|-----------------------------|-----------------------|
| Series of hoods/housings    | Han A <sup>®</sup>    |
| Type of hood/housing        | Screw mounted housing |
| Description of hood/housing | Angled                |
|                             |                       |

#### Version

| Size                 | 3 A   |
|----------------------|---|
| Cable entry          | 1x M20  |
| Locking type         | Single locking lever                                |
| Field of application | Standard Hoods/housings for industrial applications |
| Pack contents        | Please order seal screw separately.                 |

### **Technical characteristics**

| Limiting temperature                   | -40 +125 °C  |
|--|--|
| Note on the limiting temperature       | For use as a connector according to IEC 61984.       |
| Degree of protection acc. to IEC 60529 | IP44<br>IP65 With seal screw<br>IP67 With seal screw |
| Type rating acc. to UL 50 / UL 50E     | 12   |

#### Material properties

| Material (hood/housing) | Zinc die-cast        |
|-------------------------|----------------------|
| Surface (hood/housing)  | Powder-coated        |
| Colour (hood/housing)   | RAL 7037 (dust grey) |

Page 1 / 3 | Creation date 2024-03-28 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



### Material properties

| Material (locking)                   | Steel   |
|--------------------------------------|---|
| Surface (locking)                    | Zinc plated   |
| RoHS                                 | compliant with exemption  |
| RoHS exemptions                      | 6(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and<br>in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying<br>element in steel for machining purposes containing up to 0,35 % lead by weight<br>and in batch hot dip galvanised steel components containing up to 0,2 % lead by<br>weight<br>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                     | 564b7d75-7bf6-4cfb-acb1-2168eb61b675  |
| California Proposition 65 substances | Yes   |
| California Proposition 65 substances | Lead<br>Nickel<br>Naphthalene   |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08)  |
| Requirement set with Hazard Levels   | R1 (HL 1-3)<br>R7 (HL 1-3)  |
| Specifications and approvals         |   |
| UL / CSA                             | UL 1977 ECBT2.E235076   |
| Approvals                            | CE<br>DNV GL  |
| Commercial data                      |   |
| Packaging size                       | 10  |

| Packaging size                 | 10            |
|--------------------------------|---------------|
| Net weight                     | 95 g          |
| Country of origin              | Germany       |
| European customs tariff number | 85389099      |
| GTIN                           | 5713140164055 |
| ETIM                           | EC000437      |

Page 2 / 3 | Creation date 2024-03-28 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com Product data sheet 19 20 003 1160 Han 3A-Base angled-M20



Commercial data

eCl@ss

27440202 Shell for industrial connectors

Page 3 / 3 | Creation date 2024-03-28 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

# **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HARTING:

19200031160