

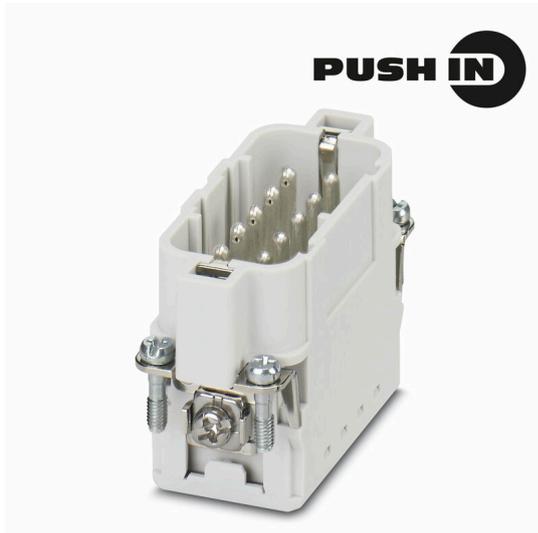
**HDC HA 10 MP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



PUSH IN connection technology is a direct plug-in technology. The pre-treated conductor can be plugged directly into the conductor connection level without additional aids.

Number of poles: 4 - 48

Rated current: 10 A

Rated voltage 400 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

PUSH IN technology

**General ordering data**

|            |   |
|------------|---|
| Version    | , Male, 250 V, 16 A, Number of poles: 10, PUSH IN with actuator, Installation size: 2 |
| Order No.  | <a href="#">3124530000</a>  |
| Type       | HDC HA 10 MP  |
| GTIN (EAN) | 4099987277525   |
| Qty.       | 1 items   |

HDC HA 10 MP

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Technical data

Approvals

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (UR)    | E92202                     |
| Certificate No. (cURus) | E310075                    |

Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 14.6 mm | Depth (inches)  | 0.5748 inch |
| Height     | 35 mm   | Height (inches) | 1.378 inch  |
| Width      | 23 mm   | Width (inches)  | 0.9055 inch |
| Length     | 55.4 mm | Length (inches) | 2.1811 inch |
| Net weight | 12.78 g |                 |             |

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

|                        |                             |                           |
|------------------------|-----------------------------|---------------------------|
| RoHS Compliance Status | Compliant without exemption |                           |
| REACH SVHC             | No SVHC above 0.1 wt%       |                           |
| Chemical resistance    | Substance                   | Acetone                   |
|                        | Chemical resistance         | Resistant                 |
|                        | Substance                   | Ammonia, watery           |
|                        | Chemical resistance         | Conditionally resistant   |
|                        | Substance                   | Petrol                    |
|                        | Chemical resistance         | Resistant                 |
|                        | Substance                   | Benzene                   |
|                        | Chemical resistance         | Resistant                 |
|                        | Substance                   | Diesel oil                |
|                        | Chemical resistance         | Conditionally resistant   |
|                        | Substance                   | Acetic acid, concentrated |
|                        | Chemical resistance         | Resistant                 |
|                        | Substance                   | Potassium hydroxide       |
|                        | Chemical resistance         | Conditionally resistant   |
|                        | Substance                   | Methanol                  |
|                        | Chemical resistance         | Conditionally resistant   |
|                        | Substance                   | Motor oil                 |
|                        | Chemical resistance         | Conditionally resistant   |
|                        | Substance                   | Lye, diluted              |
|                        | Chemical resistance         | Resistant                 |
| Substance              | Hydrochlorofluorocarbons    |                           |
| Chemical resistance    | Conditionally resistant     |                           |
| Substance              | Outdoor use                 |                           |
| Chemical resistance    | Conditionally resistant     |                           |

Dimensions

|       |       |                   |         |
|-------|-------|-------------------|---------|
| Width | 23 mm | Total length base | 55.4 mm |
|-------|-------|-------------------|---------|

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## Technical data

## General data

|                                       |                       |                                       |               |
|---------------------------------------|-----------------------|---------------------------------------|---------------|
| Number of poles                       | 10                    | Plugging cycles, silver               | ≥ 500         |
| Plugging cycles, gold                 | ≥ 500                 | Plugging cycles, tin                  | ≥ 500         |
| Type of connection                    | PUSH IN with actuator | Installation size                     | 2             |
| UL 94 flammability rating             | V-0                   | Colour                                | Light Grey    |
| Insulating material                   | PC                    | Tightening torque, max. PE connection | 1 Nm          |
| Plugging cycles                       | ≥ 500                 | Type                                  | Male          |
| Surge voltage category                | III                   | Pollution severity                    | 3             |
| Tightening torque, min. PE connection | 0.5 Nm                | Basic material                        | Polycarbonate |
| Series                                | HA                    | Rated voltage (DIN EN 61984)          | 250 V         |
| Rated impulse voltage (DIN EN 61984)  | 4 kV                  | Rated current (DIN EN 61984)          | 16 A          |
| Free from halogens                    | false                 | BG                                    | 2             |
| Number of signal contacts             | 0                     | Number of power contacts              | 10            |
| Protection degree                     | IP20                  |                                       |               |

## Connection data PE

|                                       |                    |                                       |      |
|---------------------------------------|--------------------|---------------------------------------|------|
| Connection type PE                    | PUSH IN connection | Tightening torque, max. PE connection | 1 Nm |
| Tightening torque, min. PE connection | 0.5 Nm             |                                       |      |

## Power contact

|  |                               |                      |
|--|-------------------------------|----------------------|
| Tightening torque, power contact, max.                           | 1 Nm                          |                      |
| Tightening torque, power contact, min.                           | 0.7 Nm                        |                      |
| Rated voltage (DIN EN 61984), power contact                      | 250 V                         |                      |
| Tightening torque, max. according to the conductor cross-section | Conductor cross-section, min. | 0.14 mm <sup>2</sup> |
|  | Conductor cross-section, max. | 2.5 mm <sup>2</sup>  |
|  | Tightening torque, max.       | 1 Nm                 |
| Stripping length according to the cable diameter                 | Stripping length              | 8.00 mm              |

## Signal contact

Rated impulse voltage (DIN EN 61984), 4 kV signal

## Version

|   |                       |                                    |                      |
|---|-----------------------|------------------------------------|----------------------|
| Wire connection cross section AWG, max. | AWG 26                | Stripping length, rated connection | 8 mm                 |
| Type of connection                      | PUSH IN with actuator | Installation size                  | 2                    |
| Wire connection cross section AWG, min. | AWG 14                | Conductor cross-section, max.      | 0.14 mm <sup>2</sup> |
| Conductor cross-section, min.           | 2.5 mm <sup>2</sup>   | Basic material                     | Polycarbonate        |
| BG                                      | 2                     |                                    |                      |

## Classifications

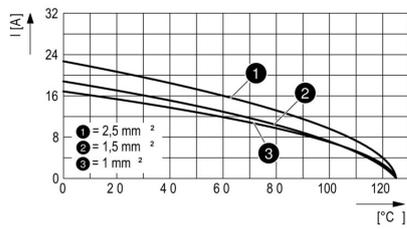
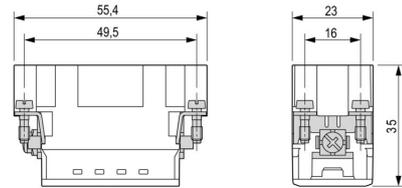
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000438    | ETIM 9.0    | EC000438    |
| ETIM 10.0   | EC000438    | ECLASS 14.0 | 27-44-02-05 |
| ECLASS 15.0 | 27-44-02-05 |             |             |

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Drawings

[www.weidmueller.com](http://www.weidmueller.com)



**DSTV**

Various accessories are available for our inserts. This includes coding elements for the inserts.

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | DSTV COST4                 | Version  |
| Order No.  | <a href="#">1471300000</a> | Heavy-duty connectors, Accessories, Coding System  |
| GTIN (EAN) | 4008190017354              |  |
| Qty.       | 100 ST                     |  |
| Type       | DSTV COBU5                 | Version  |
| Order No.  | <a href="#">1471500000</a> | Heavy-duty connectors, Accessories, Coding element |
| GTIN (EAN) | 4008190178543              |  |
| Qty.       | 100 ST                     |  |