

HDC MHS 25 MC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

**Flexible**

The four module sizes make for individual plug solutions that save a huge amount of space. The smaller pitch translates into an optimised design too.

General ordering data

| | |
|------------|---|
| Version | Power module, 30 V, 4 A, Number of poles: 25, Crimp connection, Male, Required plug-in slots: 1 |
| Order No. | 2748500000 |
| Type | HDC MHS 25 MC |
| GTIN (EAN) | 4050118890914 |
| Qty. | 5 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E92202 |
| Certificate No. (cURus) | E310075 |

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 14.6 mm | Depth (inches) | 0.5748 inch |
| Height | 34 mm | Height (inches) | 1.3386 inch |
| Width | 34.2 mm | Width (inches) | 1.3465 inch |
| Length | 14.6 mm | Length (inches) | 0.5748 inch |
| Net weight | 8.5 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% |

General data

| | | | |
|------------------------------|---------------|--------------------------------------|----------|
| Number of poles | 25 | UL 94 flammability rating | V-0 |
| Plugging cycles | ≥ 500 | Type | Male |
| Surge voltage category | III | Pollution severity | 3 |
| Basic material | Polycarbonate | Series | ModuPlug |
| Rated voltage (DIN EN 61984) | 30 V | Rated impulse voltage (DIN EN 61984) | 0.8 kV |
| Rated current (DIN EN 61984) | 4 A | Required plug-in slots | 1 |

PE connection data

Connection type PE Screw connection via module frame

Version

| | | | |
|---|----------------------|-------------------------------|---------------------|
| Wire connection cross section AWG, max. | AWG 28 | Type of connection | Crimp connection |
| Wire connection cross section AWG, min. | AWG 20 | Conductor cross-section, max. | 0.5 mm ² |
| Conductor cross-section, min. | 0.08 mm ² | | |

Power contact

Rated impulse voltage (DIN EN 61984), power contact 0.8 kV

| | | |
|--|-------------------------------|----------------------|
| Tightening torque, max. according to the conductor cross-section | Conductor cross-section, min. | 0.08 mm ² |
| | Conductor cross-section, max. | 0.5 mm ² |

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| | | |
|--|----------------------|---------|
| Stripping length according to the cable diameter | Cable diameter, min. | 2.2 mm |
| | Stripping length | 4.20 mm |

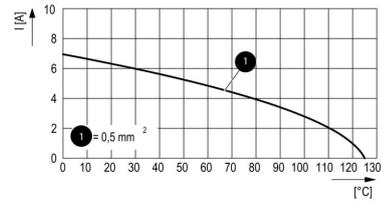
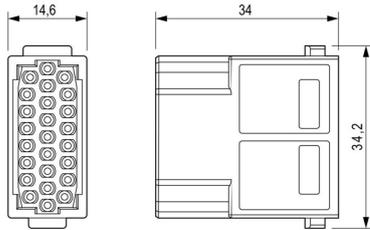
Signal contact

| | | | |
|--|------|--|--------|
| Rated voltage (DIN EN 61984), signal contact | 30 V | Rated impulse voltage (DIN EN 61984), signal | 0.8 kV |
| Rated current (DIN EN 61984), signal | 4 A | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000438 | ETIM 9.0 | EC000438 |
| ETIM 10.0 | EC000438 | ECLASS 14.0 | 27-44-02-17 |
| ECLASS 15.0 | 27-44-02-17 | | |

Drawings



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Accessories

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Standard



General ordering data

| | | |
|------------|----------------------------|---------|
| Type | HDC MF 6B AB | Version |
| Order No. | 1428920000 | Frame |
| GTIN (EAN) | 4050118233414 | |
| Qty. | 1 ST | |
| Type | HDC MF 6B BA | Version |
| Order No. | 1428940000 | Frame |
| GTIN (EAN) | 4050118233353 | |
| Qty. | 1 ST | |
| Type | HDC MF 10B AC | Version |
| Order No. | 1428960000 | Frame |
| GTIN (EAN) | 4050118233223 | |
| Qty. | 1 ST | |
| Type | HDC MF 10B CA | Version |
| Order No. | 1428980000 | Frame |
| GTIN (EAN) | 4050118233278 | |
| Qty. | 1 ST | |
| Type | HDC MF 16B AD | Version |
| Order No. | 1429010000 | Frame |
| GTIN (EAN) | 4050118233315 | |
| Qty. | 1 ST | |
| Type | HDC MF 16B DA | Version |
| Order No. | 1429030000 | Frame |
| GTIN (EAN) | 4050118233407 | |
| Qty. | 1 ST | |
| Type | HDC MF 24B AF | Version |
| Order No. | 1429050000 | Frame |
| GTIN (EAN) | 4050118233285 | |
| Qty. | 1 ST | |
| Type | HDC MF 24B FA | Version |
| Order No. | 1429070000 | Frame |
| GTIN (EAN) | 4050118233520 | |
| Qty. | 1 ST | |

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D-SUB crimp contacts



Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC C HS BM0.08-0.12 AU | Version |
| Order No. | 2748730000 | Female, gold, 0.08 - 0.12 mm ² |
| GTIN (EAN) | 4050118890549 | |
| Qty. | 100 ST | |
| Type | HDC C HS BM0.2-0.5 AU | Version |
| Order No. | 2748720000 | Female, gold, 0.2 - 0.5 mm ² |
| GTIN (EAN) | 4050118890631 | |
| Qty. | 100 ST | |
| Type | HDC C HS SM0.08-0.12 AU | Version |
| Order No. | 2748710000 | Male, gold, 0.08 - 0.12 mm ² |
| GTIN (EAN) | 4050118890556 | |
| Qty. | 100 ST | |
| Type | HDC C HS SM0.2-0.5 AU | Version |
| Order No. | 2748700000 | Male, gold, 0.2 - 0.5 mm ² |
| GTIN (EAN) | 4050118890709 | |
| Qty. | 100 ST | |