# HDC MGBIT 8 FC M SH

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 | Data module, 48 V, 5 A, Cat. 6A, Number of poles: 8, Crimp connection, Female, Required plug-in slots: 1 |
| Order No. | 3092810000 |
| Type | HDC MGBIT 8 FC M SH |
| GTIN (EAN) | 4099987109796 |
| Qty. | 1 items |

# HDC MGBIT 8 FC M SH

## Technical data

### Approvals

| | |
|---|---|
| ROHS | Conform |

### Dimensions and weights

| | | | | |
|---|---|---|---|---|
| Height | 40.3 mm | Height (inches) | 1.5866 inch |
| Width | 26.35 mm | Width (inches) | 1.0374 inch |
| Length | 13.9 mm | Length (inches) | 0.5472 inch |
| Net weight | 30.4 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 | 8 | UL 94 flammability rating | V-0 |
| Category | Cat. 6A | Plugging cycles | ≥ 500 |
| Type | Female | Surge voltage category | III |
| Pollution severity | 3 | Basic material | Polycarbonate |
| Series | ModuPlug | Rated voltage (DIN EN 61984) | 48 V |
| Rated impulse voltage (DIN EN 61984) | 0.8 kV | Rated current (DIN EN 61984) | 5 A |
| Required plug-in slots | 1 | | |

### 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 mm² |
| Conductor cross-section, min. | 0.08 mm² | | |

### Power contact

| | | |
|---|---|---|
| Tightening torque, max. according to the conductor cross-section | Conductor cross-section, min. | 0.08 mm² |
| | Conductor cross-section, max. | 0.5 mm² |

### Signal contact

| | |
|---|---|
| Stripping length, signal | 4.2 mm |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC000438 | ETIM 9.0 | EC000438 |
| ETIM 10.0 | EC000438 | ECLASS 14.0 | 27-44-02-18 |
| ECLASS 15.0 | 27-44-02-18 | | |

## HDC MGBIT 8 FC M SH

**Drawings**





$1$ = 1,5 mm$^2$
$2$ = 1,0 mm$^2$
$3$ = 0,75 mm$^2$
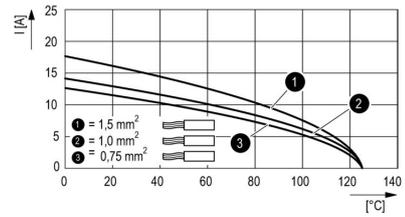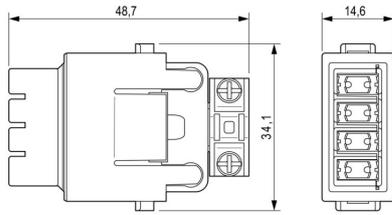
# HDC MGBIT 8 FC M SH

## Accessories

### 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 mm² | |
| 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 mm² | |
| GTIN (EAN) | 4050118890631 | | |
| Qty. | 100 ST | | |

### Standard

Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

### 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 | |

## Accessories

| 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 | | |

**With long guiding pin**
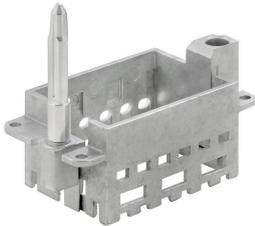


Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

**General ordering data**

| Type | HDC MFGL 10B AC | Version | |
|---|---|---|---|
| Order No. | 2736990000 | Frame | |
| GTIN (EAN) | 4050118823042 | | |
| Qty. | 1 ST | | |
| Type | HDC MFGL 6B AB | Version | |
| Order No. | 2736970000 | Frame | |
| GTIN (EAN) | 4050118823035 | | |
| Qty. | 1 ST | | |
| Type | HDC MFGL 24B FA | Version | |
| Order No. | 2737040000 | Frame | |
| GTIN (EAN) | 4050118823097 | | |
| Qty. | 1 ST | | |

# HDC MGBIT 8 FC M SH

## Accessories

### With short guiding pin
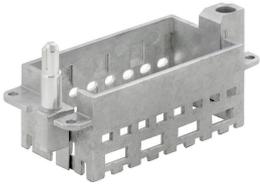
Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

### General ordering data

| Type | HDC MFGS 16B DA | Version |
|------|------------------|---------|
| Order No. | 2736940000 | Frame |
| GTIN (EAN) | 4050118823004 | |
| Qty. | 1 ST | |
| Type | HDC MFGS 24B AF | Version |
| Order No. | 2736950000 | Frame |
| GTIN (EAN) | 4050118823011 | |
| Qty. | 1 ST | |

### With long guiding pin

Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

### General ordering data

| Type | HDC MFGL 16B DA | Version |
|------|------------------|---------|
| Order No. | 2737020000 | Frame |
| GTIN (EAN) | 4050118823073 | |
| Qty. | 1 ST | |

### With short guiding pin
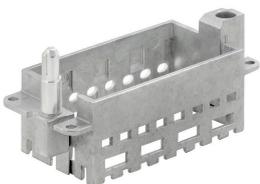
Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

# HDC MGBIT 8 FC M SH

## Accessories

### General ordering data

| Type | HDC MFGS 16B AD | Version | |
|---|---|---|---|
| Order No. | 2736930000 | Frame | |
| GTIN (EAN) | 4050118822298 | | |
| Qty. | 1 ST | | |

### With long guiding pin
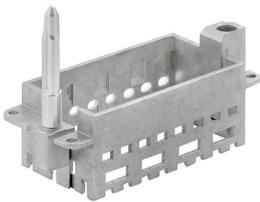
Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

### General ordering data

| Type | HDC MFGL 16B AD | Version | |
|---|---|---|---|
| Order No. | 2737010000 | Frame | |
| GTIN (EAN) | 4050118823066 | | |
| Qty. | 1 ST | | |

### With short guiding pin

Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

### General ordering data

| Type | HDC MFGS 6B AB | Version | |
|---|---|---|---|
| Order No. | 2736890000 | Frame | |
| GTIN (EAN) | 4050118822250 | | |
| Qty. | 1 ST | | |
| Type | HDC MFGS 24B FA | Version | |
| Order No. | 2736960000 | Frame | |
| GTIN (EAN) | 4050118823028 | | |
| Qty. | 1 ST | | |
| Type | HDC MFGS 10B AC | Version | |
| Order No. | 2736910000 | Frame | |
| GTIN (EAN) | 4050118822274 | | |
| Qty. | 1 ST | | |

Creation date 19.03.2026 09:28:17 MEZ

## HDC MGBIT 8 FC M SH

## Accessories

### With long guiding pin
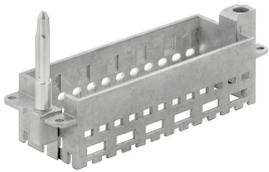
Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

### General ordering data

| Type | HDC MFGL 24B AF | Version | |
|------|-----------------|---------|---|
| Order No. | 2737030000 | Frame | |
| GTIN (EAN) | 4050118823080 | | |
| Qty. | 1 ST | | |
| Type | HDC MFGL 10B CA | Version | |
| Order No. | 2737000000 | Frame | |
| GTIN (EAN) | 4050118823059 | | |
| Qty. | 1 ST | | |

### With short guiding pin

Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

### General ordering data

| Type | HDC MFGS 6B BA | Version | |
|------|-----------------|---------|---|
| Order No. | 2736900000 | Frame | |
| GTIN (EAN) | 4050118822267 | | |
| Qty. | 1 ST | | |
| Type | HDC MFGS 10B CA | Version | |
| Order No. | 2736920000 | Frame | |
| GTIN (EAN) | 4050118822281 | | |
| Qty. | 1 ST | | |

## Accessories

### With long guiding pin

Simple
The innovative sliding frame has two defined lock-in positions for opening and closing. This enables simple and tool-free module assembly.

### General ordering data

| Type | HDC MFGL 6B BA | Version | |
|------|----------------|---------|---|
| Order No. | 2736980000 | Frame | |
| GTIN (EAN) | 4050118822908 | | |
| Qty. | 1 ST | | |

### Electrical modules

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

| Type | HDC MGBIT 8 MC | Version | |
|------|----------------|---------|---|
| Order No. | 2748520000 | Data module, 50 V, 5 A, Cat. 6A, Number of poles: 8, Crimp | |
| GTIN (EAN) | 4050118890761 | connection, Male, Required plug-in slots: 1 | |
| Qty. | 1 ST | | |
| Type | HDC MGBIT 8 MC M SH | Version | |
| Order No. | 3092820000 | Data module, 48 V, 5 A, Cat. 6A, Number of poles: 8, Crimp | |
| GTIN (EAN) | 4099987109857 | connection, Male, Required plug-in slots: 1 | |
| Qty. | 1 ST | | |