

**HDC XX5E01 FMSRJ45-0300****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The new two-pole bus module is extremely compact and can accommodate both megabit and gigabit data inserts. It enables the connection of 2 Gigabit Cat 6A cables (10 gigabit) to one module.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Version    |                            |
| Order No.  | <a href="#">2451080300</a> |
| Type       | HDC XX5E01 FMSRJ45-0300    |
| GTIN (EAN) | 4050118521351              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|            |           |
|------------|-----------|
| Net weight | 208.289 g |
|------------|-----------|

## Temperatures

|                   |                  |
|-------------------|------------------|
| Limit temperature | -30 °C ... 90 °C |
|-------------------|------------------|

## General data

|                     |                    |                       |                      |
|---------------------|--------------------|-----------------------|----------------------|
| Cable length        | 3 m                | Category              | Cat. 5e              |
| Coding              | D-coded            | Contact surface       | Au (Gold)            |
| Insulation strength | $\geq 10^8 \Omega$ | Module side version   | Female               |
| Number of poles     | 4                  | Opposite side version | Male, straight, RJ45 |
| Plugging cycles     | $\geq 100$         | Pollution severity    | 2                    |
| Rated current       | 4 A                | Rated voltage         | 250 V                |
| Transmission rate   | 100 MBit/s         |                       |                      |

## Cable technical specifications

|                  |                             |        |
|------------------|-----------------------------|--------|
| Cable length     | 3 m                         |        |
| Colour coding    | white, yellow, blue, orange |        |
| Halogen          | No, halogen-free            |        |
| Insulation       | PE                          |        |
| Outside diameter | Diameter                    | 6.5 mm |
|                  | Signs                       | ±      |
|                  | Tolerance                   | 0.2    |
| Outside diameter | 6.5 mm ± 0.2                |        |
| Sheath material  | PUR                         |        |
| Sheathing colour | green                       |        |
| Shielded         | Yes                         |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 9.0  | 27-06-03-07 |
| ECLASS 9.1  | 27-06-03-08 | ECLASS 10.0 | 27-06-03-07 |
| ECLASS 11.0 | 27-06-03-07 | ECLASS 12.0 | 27-06-03-07 |
| ECLASS 13.0 | 27-06-03-07 | ECLASS 14.0 | 27-06-03-07 |
| ECLASS 15.0 | 27-06-03-07 |             |             |

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 2ac5c63f-7f5e-465a-860d-49cfb7bbe5b5 |

## Approvals

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

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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

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# Drawings

| RJ45 |        | M12 |
|------|--------|-----|
| 1    | yellow | 1   |
| 3    | white  | 2   |
| 2    | orange | 3   |
| 6    | blue   | 4   |