

**HDC XX5E01 FMSRJ45-0100****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="#">2451080100</a>
Type	HDC XX5E01 FMSRJ45-0100
GTIN (EAN)	4050118467994
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight	0.001 g
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**Temperatures**

Limit temperature	-30 °C ... 90 °C
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**General data**

Cable length	1 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	1 m		
Colour coding	white, yellow, blue, orange		
Halogen	No, halogen-free		
Insulation	PE		
Outside diameter	6.5 mm ± 0.2		
Outside diameter	Diameter	6.5 mm	
	Signs	±	
	Tolerance	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
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		

**Environmental Product Compliance**

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

**Approvals**

ROHS	Conform
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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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## Drawings

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