

**ModuPlug
HDC XX6A01 FMSM12X-0100**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	HDC XX6A01 FMSM12X-0100
Order No.	2451140100
Version	
GTIN (EAN)	4050118485677
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Net weight 0.001 g

Temperatures

Limit temperature -30 °C ... 90 °C

General data

Module side version	Female	Opposite side version	Male, straight, M12X
Cable length	1 m	Category	Cat. 6A
Coding	X	Contact surface	Au (Gold)
Insulation resistance	$\geq 10^8 \Omega$	No. of poles	8
Plugging cycles	≥ 100	Pollution severity	2
Rated current	0.5 A	Rated voltage	50 V
Transmission rate	10 GBit/s	Type	Female

Cable technical specifications

Cable length	1 m	Colour coding	white / orange, orange, white / green, green, white / brown, brown, white / blue, blue
Core cross-section	24 AWG	Halogen	No
Insulation	Expanded	Outside diameter	8.1 ± 0.5
Sheath material	Radox EM 104	Sheathing colour	Blue
Shielded	Yes		

Classifications

ETIM 6.0	EC000438	eClass 6.2	27-26-12-04
eClass 9.1	27-44-02-18		

Product information

Descriptive text technical data Round plug-in connector in accordance with IEC 61076-2-109

Approvals

ROHS Conform

Downloads

Brochure/Catalogue [CAT 3 HDC 17/18 EN](#)

Data sheet**ModuPlug
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Drawings

M12	1	White, Orange	1	M12
	2	Orange	2	
	3	White, Green	3	
	4	Green	4	
	5	White, Brown	5	
	6	Brown	6	
	7	White, Blue	7	
	8	Blue	8	
