

**HDC XX6A01 MFSM12X-0100**

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

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	Data use
Order No.	<a href="#">2450440100</a>
Type	HDC XX6A01 MFSM12X-0100
GTIN (EAN)	4050118464528
Qty.	1 items

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Net weight	114.4 g
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### Temperatures

Limit temperature	-40 °C ... 90 °C
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### 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

### General data

Number of poles	8	Cable length	1 m
Coding	X-coded	Contact surface	Au (Gold)
Transmission rate	10 Gbps, 10 Gbit/s	Insulation resistance	≥ 108 Ω
Category	Cat. 6A	Nominal voltage	50 V
Nominal current	0.5 A	Plugging cycles	≥ 2265 100
Type	Pin	Pollution severity	2
Opposite side version	Female, straight, M12X	Module side version	Male

### Cable technical specifications

Cable length	1 m	
Sheathing colour	blue	
Shielded	Yes	
Halogen	No	
Insulation	Expanded	
Sheath material	Radox EM 104	
Colour coding	white / orange, orange, white / green, green, white / brown, brown, white / blue, blue	
Outside diameter	Diameter	8.1 mm
	Signs	±
	Tolerance	0.5
Outside diameter	8.1 mm ± 0.5	

### Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-07
ECLASS 15.0	27-06-03-07		

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**Drawings**

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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	

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