Data sheet

HDC XX6A02 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

Order No.	2503690100
Type	HDC XX6A02 MFSM12X-0100
GTIN (EAN)	4050118522914
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Net weight	79.2 g

Temperatures

Limit temperature	-30 °C ... 90 °C

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	≥ 100
Pollution severity	2	Opposite side version	Female, straight, M12X
Module side version	Male		

Cable technical specifications

Cable length	1 m	
Sheathing colour	green	
Shielded	Yes	
Halogen	halogen-free, according to IEC 60754-1	
Insulation	PE, Expanded	
Sheath material	PUR	
Colour coding	white / orange, orange, white / green, green, white / brown, brown, white / blue, blue	
Outside diameter	Diameter	6.4 mm
	Signs	±
	Tolerance	0.3 mm
Outside diameter	6.4 mm ± 0.3 mm	

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		