

**HDC XX6A01 FFSM12X-0050****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="#">2503550050</a>
Type	HDC XX6A01 FFSM12X-0050
GTIN (EAN)	4050118520989
Qty.	1 pc(s).

**HDC XX6A01 FFSM12X-0050****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

Net weight	0.001 g
------------	---------

**Temperatures**

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

**General data**

Cable length	0.5 m	Category	Cat. 6A
Coding	X-coded	Contact surface	Au (Gold)
Insulation strength	$\geq 10^8 \Omega$	Module side version	Female
Number of poles	8	Opposite side version	Female, straight, M12X
Plugging cycles	100	Pollution severity	2
Rated current	0.5 A	Rated voltage	50 V
Transmission rate	10 Gbps, 10 Gbit/s		

**Cable technical specifications**

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

**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
------	---------

**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
------------	--

Creation date July 24, 2024 7:14:10 PM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.