

IE-C6GO6LB0003F40F40-X-K6KV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Wiring diagram**

LMN cable, RJ12 / RJ12, twisted-pair, suitable for smart metering applications, unshielded

General ordering data

Order No.	3036970003
Type	IE-C6GO6LB0003F40F40-X-K6KV
GTIN (EAN)	4099986998896
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	0.3 m	Length (inches)	11.811 inch
Net weight	10 g		

General standards

Application-specific communication cable facilities	VDE-AR-N 4100:2019-04	Connector standard	TIA-1096-A
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Cable structure

Cable layout	Double insulation according to VDE 0603-100	Cross-section	3x2xAWG 24/7
Insulation	PE	Insulation cross-section	1 mm
Material sheath	LSZH	Number of wires	6
Sheath diameter	4.8 mm	Sheath diameter, max.	4.95 mm
Sheath diameter, min.	4.65 mm	Sheathing colour	blue
Shielding	U/UTP		

Electrical properties of cable

Category	Cat.3	Insulation strength	≥ 100 MΩ
Insulation voltage, max.	500 V	Operating voltage	50 V
Rated current	1 A	Rated impulse withstand voltage	6 kV
Signal propagation time	5.45 ns/m		

Mechanical and material properties of cable

Colour	blue	Halogen	No
Resistance to spread of flame	in accordance with IEC 60332-1		

Plug

Plug left	RJ12, IP20, male contact, straight, plug, unshielded	Plug right	RJ12, IP20, male contact, straight, plug, unshielded
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Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27-06-03-08

Approvals

Approvals



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