

IE-C6GO6LR0150F40F40-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

| | |
|------------|--|
| Version | Patch cable, RJ12, RJ12, Cat.3, LSZH, 15 m, 6 kV |
| Order No. | 2860910150 |
| Type | IE-C6GO6LR0150F40F40-X-K6KV |
| GTIN (EAN) | 4099986912663 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|--------------|
| Length | 15 m | Length (inches) | 590.551 inch |
| Net weight | 100 g | | |

Temperatures

| | |
|-----------------------|----------------|
| Operating temperature | -20 °C...60 °C |
|-----------------------|----------------|

General standards

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

Cable structure

| | | | |
|-----------------------|--------------|-----------------------|---------|
| Cross-section | 3x2xAWG 24/7 | 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 | red | Shielding | U/UTP |

Electrical properties of cable

| | | | |
|---------------------------------|-------|---------------------|----------|
| Category | Cat.3 | Insulation strength | ≥ 100 MΩ |
| Insulation voltage, max. | 500 V | Operating voltage | 50 V |
| Rated impulse withstand voltage | 6 kV | | |

Mechanical and material properties of cable

| | | | |
|-------------------------------|--------------------------------|---------|----|
| Colour | red | 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 |
|-----------|--|------------|--|

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



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|------------|--|
| Catalogues | Catalogues in PDF-format |
|------------|--|

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Catalogue status 01.06.2024 / We reserve the right to make technical changes.

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