

## LANmark Industry DIN-Rail Outlets and boxes

LANmark Industry module DIN-rail mount with 1 Snap-In Category 6 grey

Nexans ref.: N20i.000

- For DIN-Rail mount (35mm)
- Data connection for the industry
- Easy termination, without punch down tool.
- Includes Mount + LANmark-6 shielded connector
- For technical enclosures, Wireless Access Points, Industrial cabinets

### Description

#### Application

The LANmark Industry DIN-Rail mount is designed to enable the installation of LANmark-6 Snap-in data connectors in industrial cabinets fitted with a 35mm DIN-Rail. Several DIN-Rail mounts can be joined together to form a row. The LANmark-6 connector exceeds the requirements of the ISO/IEC 11801:2002. As such it supports all data applications defined for Cat 5, Cat 5e and Cat 6, such as:

- 10baseT
- Fast Ethernet
- Gigabit Ethernet
- 155 ATM
- 622 ATM
- 1.2 ATM
- Industrial Ethernet

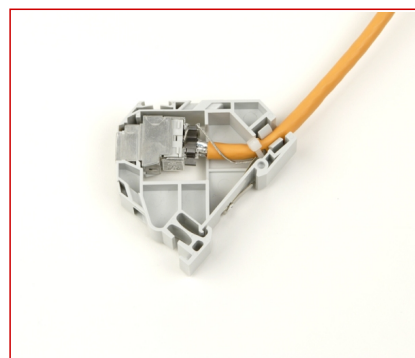
#### Performance

The LANmark-6 Snap-in connector has been designed to reach the highest performance in Category 6. It has been tested as specified in the TIA/EIA-568-B.2-1, the IEC 60603-7-5 (screened) standards. Furthermore, it complies with the Terms and conditions for use of the EC Verified marking on generic cabling products, as certified by Delta independent testing.

#### Installation

The LANmark-6 Snap-in connector is designed to be terminated without punchdown tool. For fast and easy installation an optional comfort tool can be used.

- Fast termination
- Colour code : TSB568A & TSB568B
- Can be used with all types of cables : UTP, F/UTP, SF/UTP and S/FTP
- Accepts 24, 23 and 22 AWG cable, PUR, LSZH
- For all LANmark industrial cables



**LANmark**  
Industry

#### Standards

**International** IEC 60603-7-5;ISO/IEC 11801;ISO/IEC 24702



Mechanical resistance to impacts  
Low



Electro magnetic interference resistance  
Yes



Minimum operating temperature  
0 °C



Maximum operating temperature  
70 °C



Water proof  
No



RoHS conform  
Yes

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### Characteristics

| Construction characteristics             |                                    |
|--|------------------------------------|
| Connector type                           | RJ 45                              |
| Screen                                   | Yes                                |
| Cable entry                              | From the top                       |
| Colour                                   | Grey                               |
| Material                                 | ABS                                |
| Dimensional characteristics              |                                    |
| Length cable end on inner side           | 80.0 mm                            |
| Number of cables                         | 1                                  |
| Height                                   | 77.8 mm                            |
| Width                                    | 18 mm                              |
| Depth                                    | 65 mm                              |
| Wall thickness                           | 1.6 mm                             |
| Approximate weight per piece             | 0.03 kg                            |
| Dimensions of screw                      | N/A                                |
| Number of screws                         | 0                                  |
| Electrical characteristics               |                                    |
| Maximal operating frequency              | 250 MHz                            |
| Characteristic impedance                 | 100 Ohm                            |
| Mechanical characteristics               |                                    |
| Mechanical resistance to impacts         | Low                                |
| Usage characteristics                    |                                    |
| Component function                       | Cabling and Connectivity solutions |
| Field of application                     | Industrial installations           |
| Number of ports                          | 1                                  |
| Category                                 | Cat. 6                             |
| Electro magnetic interference resistance | Yes                                |
| Packaging                                | Plastic bag                        |
| Minimum operating temperature            | 0 °C                               |
| Maximum operating temperature            | 70 °C                              |
| Water proof                              | No                                 |
| RoHS conform                             | Yes                                |

### Electrical Performance

| Frequency MHz | Attenuation | NEXT pp | PSNEXT | FEXT pp | PSFEXT | RL   |
|---------------|-------------|---------|--------|---------|--------|------|
| 1             | 0.1         | 94.0    | 90.0   | 83.1    | 80.1   | 30.0 |
| 4             | 0.1         | 82.0    | 78.0   | 71.1    | 68.1   | 30.0 |
| 10            | 0.1         | 74.0    | 70.0   | 63.1    | 60.1   | 30.0 |
| 16            | 0.1         | 69.9    | 65.9   | 59.0    | 56.0   | 30.0 |
| 20            | 0.1         | 68.0    | 64.0   | 57.1    | 54.1   | 30.0 |

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|              |     |      |      |      |      |      |
|--------------|-----|------|------|------|------|------|
| <b>31.25</b> | 0.1 | 64.1 | 60.1 | 53.2 | 50.2 | 30.0 |
| <b>62.5</b>  | 0.2 | 58.1 | 54.1 | 47.2 | 44.2 | 28.1 |
| <b>100</b>   | 0.2 | 54.0 | 50.0 | 43.1 | 40.1 | 24.0 |
| <b>125</b>   | 0.2 | 52.1 | 48.1 | 41.2 | 38.2 | 22.1 |
| <b>155</b>   | 0.2 | 50.2 | 46.2 | 39.3 | 36.3 | 20.2 |
| <b>175</b>   | 0.3 | 49.1 | 45.1 | 38.2 | 35.2 | 19.1 |
| <b>200</b>   | 0.3 | 48.0 | 44.0 | 37.1 | 34.1 | 18.0 |
| <b>250</b>   | 0.3 | 46.0 | 42.0 | 35.1 | 32.1 | 16.0 |

All values are in dB

### Selling information

The LANmark-6 DIN-Rail Mount is fitted an earthing key. Please read the indstallation guidelines for proper grounding connection to the DIN-Rail. Set of covers (right-left) available (N20i.002)