

# 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

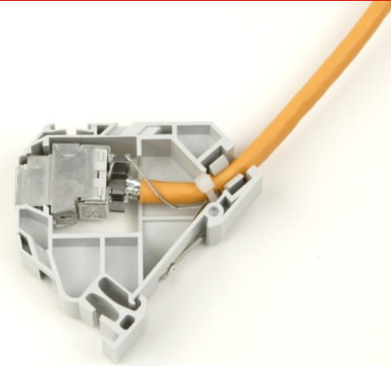
### Performance

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 compliant  
**Yes**

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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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 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
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### 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 compliant	Yes

## SELLING AND DELIVERY INFORMATION

The LANmark-6 DIN-Rail Mount is fitted with a earth tag for termination of the cable drain wire / shield - to provide a grounding connection to the DIN-Rail. Please see installation guide. A set of covers for both sides of the module is also available (N20i.002).