

# LANmark Industry IP65/67 outlets

## LANmark Industry IP65/67 outlet kit 2 Snap-In Category 6A black

**Nexans Ref.:** N42i.002

- Industrial outlet with 2 connectors LANmark-6A EVO Cat 6A shielded
- IP65/67 Protection level (Dust/Liquids)
- Easy termination, without punch down tool.
- Full conformity with the physical and mechanical requirements of the ISO/IEC 24702
- Conform with IEC61073-3-106 (8way Industrial connector)
- 2 connectors LANmark-6A EVO Cat 6A shielded included

## DESCRIPTION

### Application

The LANmark Industry IP65/67 outlet is designed to enable the installation of LANmark-6 Snap-in connectors in industrial and harsh areas. It is conceived for wall mount installation with cable penetration from below or above. The IP65/67 outlet can be used in structured industrial cabling and as interface with the production islands.

### Performance

The LANmark-6 Snap-in connector has been designed to reach the highest performance in Category 6 and Class E. It has outstanding performance for attenuation (insertion loss), NEXT/FEXT, Power Sum NEXT/FEXT and Return Loss exceeding the Cat 6 connector specs as in ISO/IEC 11801:2002. Used with Nexans LANmark-6 cables and patchcords, the connector is independantly tested to exceed the link and stringent four-connector channel requirements as defined in the ISO/IEC11801:2002. 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

### Guarantees

The LANmark-6 Snap-in connector is covered by the guarantee as in The General Terms and Conditions of Sales.



**LANmark**  
Industry

## STANDARDS

**International** ISO/IEC 11801;  
ISO/IEC 24702



Mechanical resistance to impacts  
**Normal industrial use**



Electro magnetic interference resistance  
**Yes**



Minimum operating temperature  
**-40 °C**



Maximum operating temperature  
**70 °C**



Water proof  
**IP 65/67**



Weather resistance  
**Excellent**

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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## Installation

The LANmark-6 Snap-in connectors are designed for an easy and rapid termination. Fitting them inside the IP65/67 outlet is a straight forward operation.

- Fast termination of cable
- Colour code : TSB568A & TSB568B
- Can be used with all types of cables : F<sup>2</sup>TP, UTP, SF/UTP or STP
- Accepts 24, 23 and 22 AWG cable, PUR, LSZH
- For all LANmark Industry cables



Mechanical resistance to impacts  
**Normal industrial use**



Electro magnetic interference resistance  
**Yes**



Minimum operating temperature  
**-40 °C**



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**70 °C**



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## CHARACTERISTICS

### Construction characteristics

Connector type	RJ 45
Screen	Yes
Cable entry	From the top or the bottom
Colour	Black
Material	Polycarbonate

### Dimensional characteristics

Length cable end on inner side	230 mm
Number of cables	2
Height	173 mm
Width	90 mm
Depth	69 mm
Wall thickness	2.5 mm
Approximate weight per piece	0.29 kg
Dimensions of screw	4.00mm
Number of screws	4

### Electrical characteristics

Maximal operating frequency	500 MHz
Characteristic impedance	100 Ohm

### Mechanical characteristics

Mechanical resistance to impacts	Normal industrial use
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### Usage characteristics

Component function	Cabling and Connectivity solutions
Field of application	Industrial installations
Number of ports	2
Category	Cat. 6A
Electro magnetic interference resistance	Yes
Packaging	Box
Minimum operating temperature	-40 °C
Maximum operating temperature	70 °C
Water proof	IP 65/67
Weather resistance	Excellent

## SELLING AND DELIVERY INFORMATION

Includes automatic shutters, 2xCable Glands, 2xLANmark-6A shielded connector, 1xLabelling window. Colour: Black RAL9011