LANmark Industry IP65/67 outlets
LANmark Industry IP65/67 outlet kit 2 Snap-In Category 6 black
Nexans ref.: N42i.001

- Industrial outlet with 2 connectors LANmark-6 EVO Cat 6 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-6 EVO Cat 6 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.

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.

LANmark Industry

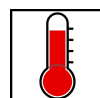## Standards

International ISO/IEC 11801;ISO/IEC 24702

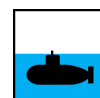| Mechanical resistance to impacts Normal industrial use	Electro magnetic interference resistance Yes	Minimum operating temperature 0 °C	Maximum operating temperature 70 °C	Water proof IP 65/67	Weather resistance Excellent

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- Fast termination of cable
- Colour code : TSB568A & TSB568B
- Can be used with all types of cables : F²TP, 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 0 °C	Maximum operating temperature 70 °C	Water proof IP 65/67	Weather resistance Excellent

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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	230.0 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	250 MHz
Characteristic impedance	100 Ohm
Mechanical characteristics	
Mechanical resistance to impacts	Normal industrial use
Usage characteristics	
Component function	Cabling and Connectivity solutions
Field of application	Industrial installations
Number of ports	2
Category	Cat. 6
Electro magnetic interference resistance	Yes
Packaging	Box
Minimum operating temperature	0 °C
Maximum operating temperature	70 °C
Water proof	IP 65/67
Weather resistance	Excellent

Mechanical resistance
to impacts
Normal industrial use

Electro magnetic
interference resistance
Yes

Minimum operating
temperature
0 °C

Maximum operating
temperature
70 °C

Water proof
IP 65/67

Weather
resistance
Excellent

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

All values are in dB

Selling information

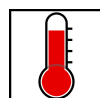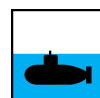Includes automatic shutters, 2xCable Glands, 2xLANmark-6 shielded connector, 1xLabelling window. Colour: Black RAL9011

Mechanical resistance to impacts Normal industrial use	Electro magnetic interference resistance Yes	Minimum operating temperature 0 °C	Maximum operating temperature 70 °C	Water proof IP 65/67	Weather resistance Excellent