

LANmark Industri IP65/67 uttak

LANmark-6A Industriuttak IP65/67

Kontakt

Nexans Cabling Solutions
firmapost@nexans.com

Nexans ref.: N42i.002

El. nummer: 6950921

GTIN (EAN 13): 3427610085161

- 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

BESKRIVELSE

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

STANDARDE

Internasjonal ISO/IEC 11801;
ISO/IEC 24702



Motstandsevne støt
Normal industriell bruk



Elektromagnetisk interferens
motstand
Ja



Minimum driftstemperatur
-40 °C



Maks. Kontinuerlig
ledertemperatur
70 °C



Vanntett
IP 65/67



Værbestandig/-het
Meget god

Alle tegninger, design, spesifikasjoner, planer og informasjon om vekt, størrelse og dimensjoner i Nexans' tekniske eller kommersielle dokumentasjon er omtrentlig og er ikke bindende fra Nexans' side.

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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 : F²TP, UTP, SF/UTP or STP
- Accepts 24, 23 and 22 AWG cable, PUR, LSZH
- For all LANmark Industry cables



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Vanntett
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EGENSKAPER

Konstruksjonsegenskaper

Konnektor type	RJ 45
Skjerm	Ja
Kabelinngang	From the top or the bottom
Farge	Svart
Materiale	Polycarbonate

Dimensjonsegenskaper

Length cable end on inner side	230.0 mm
Antall kabler	2
Høyde	173 mm
Bredde	90 mm
Dybde	69 mm
Veggtykkelse (mm)	2,5 mm
Vekt pr. stk. (ca.)	0,29 kg
Skruedimensjoner	4.00mm
Number of screws	4

Elektriske egenskaper

Maksimal drifts frekvens	500 MHz
Karakteristisk impedans	100 Ohm

Mekaniske egenskaper

Motstandsevne støt	Normal industriell bruk
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Bruksegenskaper

Funksjonsbeskrivelse komponent	Cabling and Connectivity solutions
Bruksområde	Industrielle installasjoner
Antall porter	2
Kategori	Cat. 6A
Elektromagnetisk interferens motstand	Ja
Forpakning	Eske
Minimum driftstemperatur	-40 °C
Maks. Kontinuerlig ledertemperatur	70 °C
Vanntett	IP 65/67
Værbestandig/-het	Meget god

ELECTRICAL PERFORMANCE LANMARK-6A 4 CONNECTOR CHANNEL PART 1

"All values are based on Worst Case 4 Connector Channel configurations according to ISO 11801. Minimal and maximum values represent guaranteed channel performance"

Freq in MHz	Attn in dB		NEXT in dB			PSNEXT in dB			ACR-F in dB	
	Max	Typ	Std	Min	Typ	Std	Min	Typ	Std	Typ
1	<4	4.0	65.0	67.0	85.0	62.0	64.0	74.8	63.3	69.9
4	4.1	4.1	63.0	65.0	72.9	60.5	62.5	65.0	51.2	57.9
10	6.4	6.3	56.6	58.6	65.0	54.0	56.0	58.5	43.3	49.9
16	8.1	8.0	53.2	55.2	60.9	50.6	52.6	55.1	39.2	45.9
20	9.1	9.0	51.6	53.6	59.0	49.0	51.0	53.5	37.2	43.9
31.25	11.4	11.2	48.4	50.4	55.1	45.7	47.7	50.2	33.4	40.0
62.5	16.3	15.9	43.4	45.4	49.1	40.6	42.6	45.1	27.3	34.0
100	20.8	20.2	39.9	41.9	45.0	37.1	39.1	41.6	23.3	29.9
155	26.2	25.4	36.7	38.7	41.2	33.8	35.8	38.3	19.5	26.1
200	30.0	28.9	34.8	36.8	39.0	31.9	33.9	36.4	17.2	23.9
250	33.8	32.5	33.1	35.1	37.0	30.2	32.2	34.7	15.3	22.0
300	37.3	35.7	31.7	33.7	35.4	28.8	30.8	33.3	13.7	20.4
500	49.3	46.7	27.9	29.9	31.0	24.8	26.8	24.9	9.3	16.0

*Standard values based on ISO 11801 Class EA

ELECTRICAL PERFORMANCE LANMARK-6A 4 CONNECTOR CHANNEL PART 2

All values are based on Worst Case 4 Connector Channel configurations according to ISO 11801. Minimal and maximum values represent guaranteed channel performance

	PS ACR-F		PS ANEXT			PS AACR-F			RL		
Freq	in dB		in dB			in dB			in dB		
in MHz	Std	Typ	Std	Min	Typ	Std	Min	Typ	Std	Min	Typ
1	60.3	66.9	80.0	90.0	92.0	77.0	92.0	94.0	19.0	21.0	21.0
4	48.2	54.9	74.0	89.0	91.0	65.0	80.0	82.0	19.0	21.0	32.0
10	40.3	46.9	70.0	85.0	87.0	57.0	72.0	74.0	19.0	21.0	28.0
16	36.2	42.9	68.0	83.0	85.0	52.9	67.9	69.9	18.0	20.0	26.0
20	34.2	40.9	67.0	82.0	84.0	51.0	66.0	68.0	17.5	19.5	25.0
31.25	30.4	37.0	65.1	80.1	82.1	47.1	62.1	64.1	16.5	18.5	23.1
62.5	24.3	31.0	62.0	77.0	79.0	41.1	56.1	58.1	14.0	16.0	20.0
100	20.3	26.9	60.0	75.0	77.0	37.0	52.0	54.0	12.0	14.0	18.0
155	16.5	23.1	57.1	72.1	74.1	33.2	48.2	50.2	10.1	12.1	16.1
200	14.2	20.9	55.5	70.5	72.5	31.0	46.0	48.0	9.0	11.0	15.0
250	12.3	19.0	54.0	69.0	71.0	29.0	44.0	46.0	8.0	10.0	14.0
300	10.7	17.4	52.8	67.8	69.8	27.5	42.5	44.5	7.2	9.2	13.2
500	6.3	13.0	49.5	64.5	66.5	23.0	38.0	40.0	6.0	8.0	11.0

*Standard values based on ISO 11801 Class EA

INFORMASJON

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