JVexans

Contact Noble Inc. Phone: + 821 - 88 82 86 03 Noble@Noble-Network.com

LANmark Industry DIN-Rail Outlets and boxes

LANmark Industry modular iConnect box DIN-Rail mount for 6 Snap-In Nexans ref.: N42i.101

- For DIN-Rail mount (35mm)
- Data connection for the industry
- For up to 6 copper of fibre optic Snap-In connectors (not included)
- · Splice trays as accessories
- · For technical enclosures, Wireless Access Points, Industrial cabinets
- Snap-In connectors not included

Description

Application

With the deployment of industrial Ethernet, users are installing data networks in industrial areas. The LANmark Industry iConnectBox allows a modular deployment of copper RJ45 /GG45 and fibre optic LC and SC Snap-In connectors in industrial cabinets fitted with a 35mm DIN-Rail. It can be directly locked on the DIN-Rail or screwed on the side onto a wall.

The LANmark Industry iConnectBox is ideal for areas with restricted space. It allows for high density. It offers strain release possibilities, large access to the connectors, easy cable entry for both copper and fibre optic cables.

The LANmark Industry iConnect box can be fitted with splice trays thus supporting direct fibre optic termination, splicing and pre-termination.

- · Robust metal body, powder coated
- · IP20 protection rating with individual dust shutters
- Possibility of Individual port colour coding through coloured shutter
 - up to 6 LANmark RJ45 or GG45 Snap-In jacks
 - up to 6 SC Snap-In couplers (6 fibres)
 - up to 3 SC duplex Snap-In couplers (6 fibres)
- up to 6 LC duplex Snap-In couplers (12 fibres)
- · Mix of copper jacks and optic adapters possible
- · Strain release through cable gland or tie wraps
- · Removable (screws) side cover

Type of cables

- Shielded Industrial Category 6 and 7 data cables, AWG 24 to AWG23
- · Fiber optic cables up to 15mm diameter
- · Simplex Duplex and breakout fibre optic cables
- Tight buffer or loose tube fibre optic cables
- Pre-terminated cables

Connectivity

LANmark Snap-in copper connectors or Snap-in fibre optic adaptors must be ordered separately.





No



Mechanical resistance Electro magnetic to impacts interference resistance Low



Minimum operating temperature 0°C



temperature

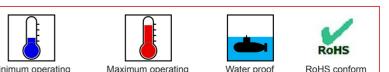
70 °C



No



Page 1/4



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.





Standards

International ISO/IEC 11801;ISO/ IEC 24702



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Copper Connectivity

- LANmark-5
- LANmark-6 /6A
- LANmark-7 /7A

Fibre optic connectivity

- SC-Simplex
- SC-Duplex
- LC-Duplex

Splice trays

- · Management and splice trays as accessories
- up to 24 splices















Mechanical resistance to impacts Low

Maximum operating temperature 70 °C

Page 2/4

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Nexans ref.: N42i.101

| construction characteristics | |
|--|------------------------------------|
| Connector type | Snap-In |
| Screen | Yes |
| Cable entry | From the bottom |
| Colour | Black |
| Material | Stee |
| imensional characteristics | |
| Length cable end on inner side | 120.0 mm |
| Number of cables | 6 |
| Height | 150 mr |
| Width | 50 mn |
| Depth | 104 mn |
| Wall thickness | 1.6 mn |
| Approximate weight per piece | 0.35 kg |
| Dimensions of screw | 3.0mn |
| Number of screws | 2 |
| lectrical characteristics | |
| Maximal operating frequency | 0 MHz |
| Characteristic impedance | 0 Ohn |
| lechanical characteristics | |
| Mechanical resistance to impacts | Lov |
| Isage characteristics | |
| Component function | Cabling and Connectivity solutions |
| Field of application | Industrial installations |
| Number of ports | 6 |
| Category | N/A |
| Electro magnetic interference resistance | No |
| Packaging | Plastic bag |
| Minimum operating temperature | 0 °C |
| Maximum operating temperature | 70 °C |
| Water proof | No |
| RoHS conform | Yes |













Mechanical resistance to impacts Low

Electro magnetic interference resistance No

Minimum operating temperature 0 °C

Maximum operating temperature 70 °C

Page 3/4

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LANmark Industry iConnect Box Connectors and Accessories

LANmark Industry iConnect Box Connectors and Accessories

| Connectors, couplers and accessories | Part number |
|---|-------------|
| Copper Jacks | |
| LANmark-6 Evo Snap-in Cat. 6 250MHz RJ45 Screened | N420.666 |
| LANmark-6A Evo Snap-in Cat. 6A 500MHz RJ45 Screened | N420.66A |
| LANmark-7 GG45 Snap-in Cat.7 | N420.730 |
| LANmark-7 40G GG45 Snap-in Cat.7A | N420.735 |
| Fibre optic couplers Multimode | |
| LANmark-OF SC Simplex MM Snap-in coupler | N205.613 |
| LANmark-OF SC Duplex MM Snap-in coupler | N205.614 |
| LANmark-OF LC Duplex MM Snap-in coupler | N205.611 |
| Fibre optic couplers Singlemode | |
| LANmark-OF SC Simplex SM Snap-in coupler | N205.623 |
| LANmark-OF SC Duplex SM Snap-in coupler | N205.624 |
| LANmark-OF LC Duplex SM Snap-in coupler | N205.621 |
| Coloured shutters | |
| Green | N421.701G |
| Yellow | N421.701Y |
| Red | N421.701R |
| Blue | N421.701B |
| Grey | N421.701GR |
| White | N421.701 |
| Splice trays | |
| Tray for fibre management and splices | N42i.102 |
| Cover for tray | N42i.104 |













RoHS RoHS conform Yes

Mechanical resistance to impacts Low

Electro magnetic interference resistance No

Minimum operating temperature 0 °C

Page 4/4

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