

## DIGITUS® CAT 6 Network Outlets



DN-9005-N



DN-9006-N

✓ Category 6

✓ 2x shielded RJ45 sockets, 8P8C

✓ Integrated strain relief

✓ Horizontal cable entry

### Abstract

DIGITUS® CAT 6 Network outlets, shielded, horizontal cable entry, flush mount or surface mount

### Features

- CAT 6 ANSI/TIA 568 and ISO/IEC 11801, EN 50173
- Tested and 3P Channel Link certified acc. Link Performance CAT 6 Class E for up to 250 MHz, 1 Gbit Ethernet
- 2x shielded RJ45 sockets, 8P8C
- Shielded RJ45 sockets due to enclosed metal die cast housing
- Integrated strain relief for installation cables
- 40° socket angle
- Cable installation via LSA strips, color coded acc. EIA/TIA 568 B
- Horizontal cable entry
- Cover frame in 80x80 mm incl. central plate 50x50 mm acc. DIN 49075
- Available as flush mount (DN-9005-N) or surface mount (DN-9006-N)

### Mechanical Properties

|                               |                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------|
| Plastic plate                 | ABS, UL 94-HB                                                                            |
| RJ45 jack housing             | PBT+ glass fiber, UL 94V-0                                                               |
| RJ45 jack contact bracket     | PBT+ glass fiber, UL 94V-0                                                               |
| RJ45 jack shield              | Bronze with nickel plated                                                                |
| RJ45 jack contact material    | Phosphor bronze with nickel plated                                                       |
| RJ45 jack contact finish      | 50 micro-inch, gold plated on plug contact area                                          |
| IDC housing                   | PC+ glass fiber, UL 94V-2                                                                |
| IDC terminal                  | Phosphor bronze with tin plated                                                          |
| Cable clamp                   | SPCC with nickel plated                                                                  |
| Metal cover                   | Zinc die-casting                                                                         |
| PCB                           | FR4, UL94V-0                                                                             |
| Insertion force               | 30N maximum (IEC 60603-7-5)                                                              |
| Retention strength            | 7.7 kg between jack and plug                                                             |
| Operating temperature range   | -10 °C up to +60 °C (ISO/IEC 11801, ANSI/TIA/EIA 568 B.2)                                |
| Mating cycles                 | 750 cycles minimum (ISO/IEC 11801, IEC 60603-7-5)                                        |
| Life of IDC                   | Suitable for AWG 22-26 stranded and solid wire,<br>compatible with Krone Punch Down Tool |
| Material of surface mount box | ABS, UL 94V-0                                                                            |

## Product Overview

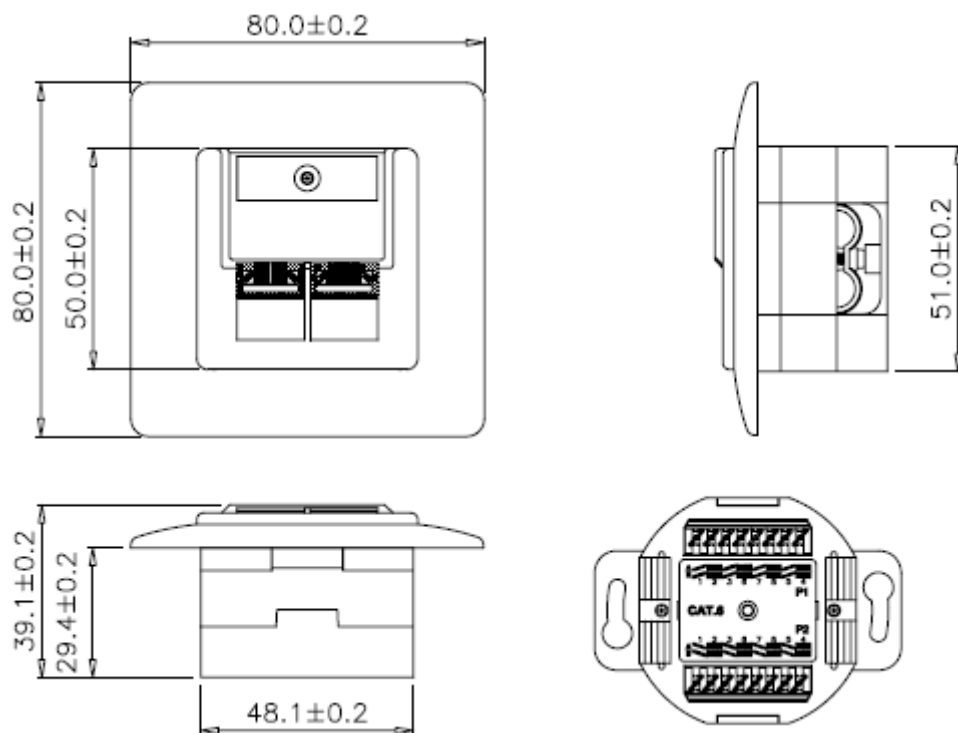
The shielded CAT 6 network outlets from DIGITUS® are certificated to CAT 6 ANSI/TIA 568 and ISO/IEC 11801, EN 50173. The cable installation takes place via LSA strips, color coded acc. EIA/TIA 568 B with horizontal cable entry. All network outlets from DIGITUS® are available flush mount or surface mount.

## Product Number Information

- DN-9005-N DIGITUS® CAT 6 modular wall outlet, shielded, 2x RJ45, 8P8C, LSA, flush mount  
 DN-9005/B5-N DIGITUS® CAT 6 modular wall outlet, shielded, 2x RJ45, 8P8C, LSA, flush mount, set= 5 pcs.
- DN-9006-N DIGITUS® CAT 6 modular wall outlet, shielded, 2x RJ45, 8P8C, LSA, surface mount  
 DN-9006/B5-N DIGITUS® CAT 6 modular wall outlet, shielded, 2x RJ45, 8P8C, LSA, surface mount, set= 5 pcs.

## Technical Drawings

### DN-9005-N & DN-9006-N



**DN-9006-N**

