



## DIGITUS® Cat.6A Field Termination Box, shielded, tool-free installation



✓ Cat.6<sub>A</sub>, 500MHz

✓ 10GBase-T

✓ Screwable strain relief

✓ Tool-free installation

### Short Discription

DIGITUS® Cat.6<sub>A</sub> Field Termination Box, shielded, tool-free installation

### Features

#### Transmission Properties

- Category 6<sub>A</sub> 10GBase-T, 500 MHz
- ISO/IEC 11801 3rd Edition, EN 50173-1
- Suitable for PoE/PoE+/4PPoE (IEEE 803.af, 3at, 3bt)

#### General Properties

- Cable installation via IDC, according to EIA/TIA 568 A & B
- Strain relief and cable fixing via smart screw cap
- Tool-free installation
- 360° cable screen connection for enhanced EMV protection

#### Technical Properties

- Housing material: Zinc-diecast, nickel plated
- Contact material: Phosphor bronze
- Coating contact: Nickel, gold plated 0,5 μ

#### Physical Properties

- Insertion force: Max. 30N (acc. IEC 60603-7-5)
- Retention strength: 7,7 kg between jack and plug
- Operation temperature: -20 °C up to +70 °C (ISO/IEC 11801, ANSI/TIA 568 C.2)
- Mating cycles female: ≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
- IDC wire size: AWG (26/7 – 22/1), solid and stranded conductor
- Tested with AWG 22/1 solid installation cable (DIGITUS® DK-174X-A-VH-X; AWG 22/1 Cat.7<sub>A</sub> installation cable)
- Dielectric strength: 1000 VDC (Contact/Contact), 1500 VDC (Contact/Ground)



**Article number information**

DN-93912                      DIGITUS® Cat.6A Field Termination Box, shielded, tool-free installation

**Product images**



**Technical drawings**

