We connect and protect

# FleXbus Conductor Rep, 360 mm², 7000 mm x 25 mm x 12,5 mm x 12,9 kg

## Data Solutions

### KATALOGNUMMER

**FLEXCORE360L7**

The nVent ERIFLEX FleXbus Conductor with Rodent and Termite Repellent is designed for easy, one-sided use with a direct connection to a busbar or circuit-breaker palm. This innovative and patented solution provides a reliable connection between two pieces of electrical equipment, such as a transformer, switchboard, or generator. The FleXbus Advanced solution ensures high reliability and offers a customizable on-site connection without the need for additional design studies, specialized workforce, or expensive tools. The FleXbus Conductor is insulated with a low-smoke, halogen-free, flame-retardant (LSHFFR), high-temperature, and class II material. It is a flexible, copper-plated, aluminum flat braid available in lengths from 2 to 25 meters and in various cross sections for 500A to 6300A applications. This conductor allows for connection from the power supply to switchgear with only one conductor per phase up to 1600kVA and with two conductors per phase up to 3150kVA.

### CERTIFIERINGAR

### DESIGN

| |
|---|
| Flexible, insulated, copper-plated aluminum flat braid |
| Better current/ampacity compared to cable due to the skin effect |
| Significantly more flexible than cable |
| No need to adhere to a bending radius |
| Ready-to-use from one side with a direct connection to a busbar or circuit breaker palm |

Requires only one conductor per phase for 400kVA (560 A) to 1600kVA (2250 A) and two conductors per phase for 2000kVA (2800 A) to 3150kVA (4435 A)

Insulation sleeve contains a special additive that makes the FleXbus conductor resistant to rodents and termites

## PRODUKTATTRIBUT

Artikelnummer: 508429

Tvärsnitt: 360mm²

Längd 1 (L1): 7000mm

Längd 2 (L2): 50mm

Ledarmaterial: Kopparpläterat aluminium

Isoleringsmaterial: Termoplastiska elastomer

Rått- och termitsäker: Testad i enlighet med GB/T 34016-2017 och DIN EN 117

Kontaktfinish: Förtentat

Kontaktmaterial: Koppar

Isoleringsförlängning: 500% min

Isolationstjocklek: 2.5 – 3.5mm

Halogenfri klassning: UL® 2885; IEC® 60754-1; IEC® 62821-2

Mekanisk resistensklassificering: IK09

UV-resistensgrad: UL® 2556; UL® 854

Lågt rökvärde: IEC® 61034-2; ISO 5659-2; UL® 2885

Dielektrisk styrka: 20kV/mm

Brandklassning: UL® 94V-0

Kabeldiameter: 0.2mm

Nominell spänning, IEC: 1000V; 5000V

Max. arbetsspänning, EN 50264-3-1: 6000V

Arbetstemperatur: −50 to 115°C

Uppfyller: IEC® 60695-2-11 (glödtrådstest 960 °C); IEC® 61439.1; IEC® 61439.1, klass II; IEC® 60364

ΔT 60 K: 901A

Bredd 1 (W1): 58mm

Bredd 2 (W2): 50mm

Höjd 1 (H1): 21.65mm

Höjd 2 (H2): 12.3mm

Hålstorlek (HS): 11mm

Enhetsvikt: 12.9kg

A.: 25mm

C.: 25mm

D.: 12.5mm

2 bar strömkoefficient, icke-symmetrisk: 1.52

2 bar strömkoefficient, symmetrisk: 2

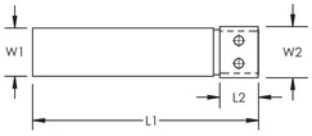
Installationsstandard: AS 3008; BS 7671; CEI 64-8; CSN; DIN VDE 0100; HD 384; IEC® 60364; NBR 5410; NEN 1010; NFC 15-100; NIBT-NIN; NP (2002); ÔNORM; REBT; RGIE-AREI

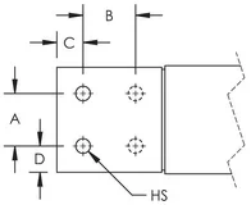
## YTTERLIGARE PRODUKTINFORMATION

Optional extender available for more connection possibilities.

| Current Coefficient According to Temperature Rise | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Temperature Rise | ΔT 30°C | ΔT 40°C | ΔT 45°C | ΔT 50°C | ΔT 55°C | ΔT 60°C | ΔT 65°C | ΔT 70°C |
| Derating Coefficient | 0.71 | 0.82 | 0.87 | 0.91 | 0.96 | 1.00 | 1.04 | 1.08 |

## DIAGRAMS




## VARNING

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Vårt starka utbud av varumärken:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

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