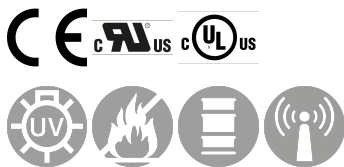


ÖLFLEX® TRAY VTC S 2X1.5 16/2C**Article No.:** 201602S

Power and control cable; 2X16 AWG; PVC; Conductor identification: Numbers; Shielded; UL listed; Flexible

**Details****Application**

- Plant engineering

Notes

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Remarks**Technical Data****General information**

Brand

ÖLFLEX®

| | |
|--------------|-------------------------|
| Product type | Power and control cable |
| Copper index | 235 lb/10000 ft |

Electrical parameters

| | |
|---------------|------------------------------------|
| Rated voltage | 600 V AC rms according to UL TC |
| | 1000 V AC rms according to UL WTTC |
| | 1000 V AC rms according to UL AWM |
| | 1000 V AC rms according to cRU AWM |
| test voltage | 2 kV |

Product design

| | |
|--|---------------------------------|
| Cable dimension | 2X16 AWG |
| Nominal cross section conductor (mm ²) | 1.5 mm ² |
| Nominal cross section conductor (AWG) | 16 AWG |
| Leading conductor cross-section | AWG |
| Conductor material | Bare Copper |
| Conductor design | 7-wire |
| Including protective ground | No |
| Number of cores | 2 |
| Shielded | Yes |
| Type of overall shielding | Aluminum-laminated plastic foil |
| Nominal outer diameter | 0.299 in |
| Cable form | Round |
| Core insulation base material | Polyvinylchloride |
| Conductor insulation basic material, short form | PVC |
| Basic material of outer jacket | Polyvinylchloride |
| Base material of outer sheath, shortname | PVC |
| Outer jacket color | black |
| Core identification | Numbers |

Product features

| | |
|--|--|
| Application area | Flexible Fixed Installation |
| For torsional load | No |
| Suitable for use in accordance with NEC chapter 5 | Class I Division 2 |
| Minimum bending radius, stationary | 6 x outer diameter |
| Minimum bending radius in inch, fixed installation | 1.795 in |
| Minimum bending radius, occasionally moved | 6 x outer diameter |
| Minimum bending radius in mm, occasionally moved | 1.795 in |
| Temperature, fixed installation | -25 °C to 90 °C max. conductor temperature according to UL/CSA TC -40 °C to 105 °C max. conductor temperature |
| Temperature, occasionally moved | -5 °C to 90 °C max. conductor temperature |
| Flame-retardant | Yes |
| Flame retardance according to | UL Vertical-Tray Flame Test CSA FT4 |
| UV-resistant | Yes |
| UV-resistant according to | UL sunlight resistant |
| weather resistant | Yes |
| Ozone-resistant | Yes |
| Halogenfree | No |
| Oil resistant | Yes |
| Oil resistance according to | UL OILRES I |
| Water resistant | Yes |
| Mechanically resistant | Yes |

Certifications and standards

| | |
|----------------------|--------------------------|
| CE marking | Yes |
| UL recognized | Yes |
| UL AWM certification | 20886 according to UL 13 |
| UL listed | Yes |

| | |
|-------------------|--|
| UL certification | UL TC-ER according to UL 1277 UL WTTC according to UL 2277 |
| cUR recognized | Yes |
| cUR certification | AWM I A according to CSA C22.2 No. 210 AWM I B according to CSA C22.2 No. 210 AWM II A according to CSA C22.2 No. 210 AWM II B according to CSA C22.2 No. 210 |
| cUL listed | Yes |
| CSA certified | No |
| VDE certified | No |
| HAR-certified | No |
| Ecolab certified | No |

ÖLFLEX® TRAY VTC S

| Article No. | Name | Nominal cross section conductor (AWG) | Nominal cross section conductor (mm ²) | Number of cores | Including protective ground | Nominal outer diameter | Copper index (lb) |
|-------------|-----------------------------------|---------------------------------------|--|-----------------|-----------------------------|------------------------|-------------------|
| 201004S | ÖLFLEX® TRAY VTC S 4G6 10/4C | 10 AWG | 6 mm ² | 4 | Yes | 0.472 in | |
| 201202S | ÖLFLEX® TRAY VTC S 2X4 12/2C | 12 AWG | 4 mm ² | 2 | No | 0.362 in | |
| 201203S | ÖLFLEX® TRAY VTC S 3G4 12/3C | 12 AWG | 4 mm ² | 3 | Yes | 0.386 in | |
| 201204S | ÖLFLEX® TRAY VTC S 4G4 12/4C | 12 AWG | 4 mm ² | 4 | Yes | 0.417 in | |
| 201205S | ÖLFLEX® TRAY VTC S 5G4 12/5C | 12 AWG | 4 mm ² | 5 | Yes | 0.457 in | |
| 201207S | ÖLFLEX® TRAY VTC S 7G4 12/7C | 12 AWG | 4 mm ² | 7 | Yes | 0.496 in | |
| 201209S | ÖLFLEX® TRAY VTC S 9G4 12/9C | 12 AWG | 4 mm ² | 9 | Yes | 0.606 in | |
| 201402S | ÖLFLEX® TRAY VTC S 2X2.5 14 /2C | 14 AWG | 2.5 mm ² | 2 | No | 0.327 in | |
| 201403S | ÖLFLEX® TRAY VTC S 3G2.5 14 /3C | 14 AWG | 2.5 mm ² | 3 | Yes | 0.346 in | |
| 201404S | ÖLFLEX® TRAY VTC S 4G2.5 14 /4C | 14 AWG | 2.5 mm ² | 4 | Yes | 0.374 in | |
| 201405S | ÖLFLEX® TRAY VTC S 5G2.5 14 /5C | 14 AWG | 2.5 mm ² | 5 | Yes | 0.406 in | |
| 201407S | ÖLFLEX® TRAY VTC S 7G2.5 14 /7C | 14 AWG | 2.5 mm ² | 7 | Yes | 0.441 in | |
| 201409S | ÖLFLEX® TRAY VTC S 9G2.5 14 /9C | 14 AWG | 2.5 mm ² | 9 | Yes | 0.512 in | |
| 201412S | ÖLFLEX® TRAY VTC S 12G2.5 14 /12C | 14 AWG | 2.5 mm ² | 12 | Yes | 0.606 in | |
| 201425S | ÖLFLEX® TRAY VTC S 25G2.5 14 /25C | 14 AWG | 2.5 mm ² | 25 | Yes | 0.795 in | |
| 201602S | ÖLFLEX® TRAY VTC S 2X1.5 16 /2C | 16 AWG | 1.5 mm ² | 2 | No | 0.299 in | |
| 201603S | ÖLFLEX® TRAY VTC S 3G1.5 16 /3C | 16 AWG | 1.5 mm ² | 3 | Yes | 0.315 in | |
| 201604S | ÖLFLEX® TRAY VTC S 4G1.5 16 /4C | 16 AWG | 1.5 mm ² | 4 | Yes | 0.339 in | |
| 201607S | ÖLFLEX® TRAY VTC S 7G1.5 16 /7C | 16 AWG | 1.5 mm ² | 7 | Yes | 0.398 in | |

| Article No. | Name | Nominal cross section conductor (AWG) | Nominal cross section conductor (mm ²) | Number of cores | Including protective ground | Nominal outer diameter | Copper index (lb) |
|-------------|-----------------------------------|---------------------------------------|--|-----------------|-----------------------------|------------------------|-------------------|
| 201625S | ÖLFLEX® TRAY VTC S 25G1.5 16 /25C | 16 AWG | 1.5 mm ² | 25 | Yes | 0.709 in | |
| 201802S | ÖLFLEX® TRAY VTC S 2X1 18/2C | 18 AWG | 1 mm ² | 2 | No | 0.276 in | |
| 201803S | ÖLFLEX® TRAY VTC S 3G1 18/3C | 18 AWG | 1 mm ² | 3 | Yes | 0.291 in | |
| 201805S | ÖLFLEX® TRAY VTC S 5G1 18/5C | 18 AWG | 1 mm ² | 5 | Yes | 0.335 in | |
| 201807S | ÖLFLEX® TRAY VTC S 7G1 18/7C | 18 AWG | 1 mm ² | 7 | Yes | 0.362 in | |
| 201812S | ÖLFLEX® TRAY VTC S 12G1 18 /12C | 18 AWG | 1 mm ² | 12 | Yes | 0.461 in | |
| 201819S | ÖLFLEX® TRAY VTC S 19G1 18 /19C | 18 AWG | 1 mm ² | 19 | Yes | 0.567 in | |

V1.1