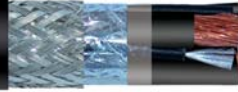


GAALFLEX® TRAY VFD I 400

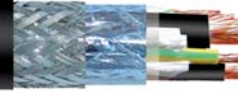
Inverter, connection to frequency converters, UV Resistant, UL 2277 WTTTC 1000 V 90°C Dry 75°C Wet



ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1400
 UL Type TC-ER c(UL) Type CIC FT4, Sun Res, Oil Res I
 UL style 1277 60°C 600 V WTTTC and
 UL 1277, UL type TC-ER for 600 V on request
 UL style 2277 WTTTC 1000 V 90°C dry



ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1400
 UL Type TC-ER c(UL) Type CIC FT4, Sun Res, Oil Res I
 UL style 1277 60°C 600 V WTTTC and
 UL 1277, UL type TC-ER for 600 V on request
 UL style 2277 WTTTC 1000 V 90°C dry



Construction:

- Conductor:** flexible red copper conductor Cl. 5, acc. to IEC 60228, DIN VDE 0295
- Insulation:** special PVC/Nylon compound
- Cores color:** 4 conductors: black conductors and green/yellow or 3 black conductors + 3 earth conductors
- Stranding:** in layers
- Screen:** aluminium tape + PETP foil and tinned copper braid + tinned copper drain wire
- Ripcord:** high strength ripcord under outer sheath
- Outer Sheath:** black (similar RAL 9005), special PVC compound

Technical data:

- Nominal voltage UL:** 1000 V
- Temperature range**
- Fixed laying:* - 25 °C up to + 90 °C
- Flexible installation:* - 25 °C up to + 90 °C
- Min. bending radius** 6 x D

Resistance:



Fire performance acc. to:
 c(UL) FT4

Features:

- UV resistant
- outdoor use
- installation in hazardous areas
- UL Type TC-ER c(UL) Type CIC FT4, Sun Res, Oil Res I
- UL 1277 60°C 600 V WTTTC and
- UL 1277, UL type TC-ER for 600 V on request
- UL 2277 WTTTC 1000 V 90°C dry
- suitable for application acc. to EN 55011, DIN VDE 0875 and EN 61800-3
- RoHS approval
- tinned copper on request
- on request MSHA approved



UL/CSA Standards:

- ASTM B-3
- ASTM B-33
- ASTM B-172
- ASTM B-174
- UL 66 basic construction, test and marking
- UL 83 600 V thermoplastic insulation
- UL 1277 60°C for Oil Res I
- CSA C22.2 No 230 for tray cable
- CSA C22.2 No 239 for control and instrumentation cable

GAALFLEX® VFD CABLES

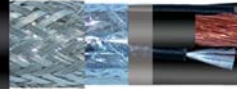
GAALFLEX® TRAY VFD I 400

Inverter, connection to frequency converters, UV Resistant, UL 2277 WTTC 1000V 90°C Dry 75°C Wet



ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1400

UL Type TC-ER c(UL) Type CIC FT4, Sun Res, Oil Res I
UL style 1277 80°C 600 V WTTC and
UL 1277, UL type TC-ER for 600 V on request
UL style 2277 WTTC 1000 V 90°C dry



ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1400

UL Type TC-ER c(UL) Type CIC FT4, Sun Res, Oil Res I
UL style 1277 80°C 600 V WTTC and
UL 1277, UL type TC-ER for 600 V on request
UL style 2277 WTTC 1000 V 90°C dry



| Part no. | No. of cores x cross section n x mm ² | Outer Ø inches/mm ±10% | Cable weight approx. Lbs/Mft - kg/km | AWG no.)* |
|----------------|--|------------------------------|--|--------------|
| 33100H70041A16 | 4 G 1,5 | 0,395 - 10 | 121 - 180 | 16 |
| 33100H70041A14 | 4 G 2,5 | 0,435 - 11 | 153 - 228 | 14 |
| 33100H70041A12 | 4 G 4 | 0,475 - 12,1 | 197 - 293 | 12 |
| 33100H70041A10 | 4 G 6 | 0,595 - 15,1 | 296 - 441 | 10 |
| 33100H70041A08 | 4 G 10 | 0,73 - 18,5 | 440 - 654 | 8 |
| 33100H70041A06 | 4 G 16 | 0,825 - 21 | 609 - 907 | 6 |
| 33100H70041A04 | 4 G 25 | 1,045 - 26,5 | 940 - 1399 | 4 |
| 33100H70041A02 | 4 G 35 | 1,19 - 30,2 | 1328 - 1976 | 2 |
| 33100H70041A01 | 4 G 50 | 1,33- 33,8 | 1651 - 2457 | 1 |
| 33100H70041A2C | 4 G 70 | 1,545 - 39,2 | 2405 - 3579 | 2/0 |
| 33100H70041A3C | 4 G 95 | 1,665 - 42,3 | 2917 - 4340 | 3/0 |
| 33100H70041A4C | 4 G 120 | 1,915 - 48,6 | 3721 - 5536 | 4/0 |
| 33100H70041A5C | 4 G 150 | 2,09 - 53,1 | 4336 - 6452 | 250 MCM |
| 33100H70041A7C | 4 G 185 | 2,33 - 59,2 | 5809 - 8644 | 350 MCM |
| 33100H7004A9C | 4 G240 | 2,5 - 63,7 | 7437 - 11100 | 450 MCM |
| 33100H70037A08 | 3x10+3G2,5 | 0,7 - 17,8 | 1651 - 2457 | 8 / 14 |
| 33100H70037A06 | 3x16+3G4 | 0,785 - 19,9 | 2405 - 3579 | 6 / 12 |
| 33100H70037A04 | 3x25+3G4 | 0,975 - 24,8 | 2917 - 4340 | 4 / 12 |
| 33100H70037A02 | 3x35+3G6 | 1,105 - 28,1 | 3721 - 5536 | 2 / 10 |
| 33100H70037A01 | 3x50+3G10 | 1,235 - 31,4 | 4336 - 6452 | 1 / 8 |
| 33100H70037A2C | 3x70+3G10 | 1,42 - 36,1 | 5809 - 8644 | 2/0 / 8 |
| 33100H70037A3C | 3x95+3G16 | 1,53 - 38,9 | 7437 - 11100 | 3/0 / 6 |
| 33100H70037A4C | 3x120+3G16 | 1,76 - 44,7 | 3139 - 4671 | 4/0 / 6 |
| 33100H70037A5C | 3x150+3G16 | 1,915 - 48,6 | 3596 - 53 51 | 250 MCM / 6 |
| 33100H70037A7C | 3x185+3G25 | 2,13 - 54,1 | 4873 - 7521 | 350 MCM / 6 |
| 33100H70037A9C | 3x240+3G35 | 2,26 - 57,3 | 6378 - 9520 | 450 MCM / 2 |

Other dimension and colours available on request.