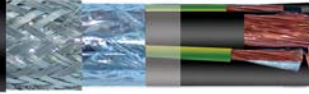


## GAALFLEX® TRAY VFD I405 2000 V

Inverter, connection to frequency converters, UV Resistant, UL 2277 WTTC 1000 V 90°C Dry or 90°C Wet or UL 2277 Flexible Motor Supply Cable 2000 V 90°C Dry up to 4/0 AWG or UL 1277 TC-ER 2000 V 90°C Dry or 90°C Wet



ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1405 2000 V  
 UL style 2277 WTTC 1000 V 90°C Dry or 90°C Wet or UL 2277 Flexible Motor Supply Cable 2000 V 90°C Dry up to 4/0 AWG or UL Listed Type TC-ER 90°C DRY or WET, 2000 V, SUN RES, DIR BUR, FT4 acc. to UL 1277, c(UL) Listed Type CIC, FT4 acc. to CSA C22.2 No. 239



### Construction:

- Conductor:** finely stranded red copper, acc.to ASTM B-3 and B-172 6 AWG and smaller acc.to ASTM B-3 and B-174
- Insulation:** GAALTHERM® 590
- Cores color:** 3 black conductors + 3 earth conductors
- Stranding:** in layers
- Screen:** aluminium tape + PETP foil and tinned copper braid + tinned copper drain wire
- Ripcord:** high strenght ripcord under outer sheath
- Outer Sheath:** black ( similar RAL 9005), GAALTHERM® 520

### Technical data:

- Nominal voltage UL:** 2000 V
- Max. permissible Peak. voltage:** 2828 V A.C.
- Test voltage (acc. to UL 1277):**
- 14 AWG up to 8 AWG: 6000 V
- 6 AWG up to 2 AWG: 7500 V
- 1 AWG up to 4/0 AWG: 9000 V
- 250 MCM up to 500 MCM: 10000 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:** IEEE 1202, c(UL) FT4

### Features:

- UV resistant
- outdoor use
- oil resistant
- installation in hazardous areas
- DIRECT BURIAL
- UL Listed Type TC-ER, 90°C DRY or WET, 2000V, SUN RES, DIR BUR, FT4 acc. to UL 1277, c(UL) Listed Type CIC, FT4 acc. to CSA C22.2 No. 239
- UL 2277 WTTC 1000 V 90°C Dry or 90°C Wet
- UL 2277 Flexible Motor Supply Cable 2000 V 90°C Dry up to 4/0 AWG
- suitable for application acc. to EN 55011, DIN VDE 0875 and EN 61800-3
- on request MSHA approved
- on request tinned copper acc. to ASTM B-33
- RoHS approval



### UL Standards:

- UL 44 2000 V thermoset insulation
- UL 2277 WTTC 1000 V 90°C Dry or 90°C Wet
- UL 2277 Flexible Motor Supply Cable 2000 V 90°C Dry up to 4/0 AWG
- UL 1277 Type TC-ER 2000 V 90°C Dry or 90°C Wet

Part no.	No. of cores x cross section n x AWG/MCM	Outer Ø inches/mm ±10%	Cable weight approx. Lbs/Mft - kg/km
33290170037A14	3 x 14 + 3 x 18	0,80 - 20	375 - 558
33290170037A12	3 x 12 + 3 x 16	0,82 - 20,8	410 - 610
33290170037A10	3 x 10 + 3 x 14	0,90 - 22,9	505 - 752
33290170037A08	3 x 8 + 3 x 14	0,97 - 24,63	615 - 915
33290170037A06	3 x 6 + 3 x 12	1,005 - 25,5	716 - 1065
33290170037A04	3 x 4 + 3 x 12	1,115 - 28,3	923 - 1373
33290170037A02	3 x 2 + 3 x 10	1,25 - 31,8	1273 - 1894
33290170037A01	3 x 1 + 3 x 10	1,42 - 36,1	1579 - 2350
33290170037A1C	3 x 1/0 + 3 x 10	1,515 - 38,5	1847 - 2748
33290170037A2C	3 x 2/0 + 3 x 10	1,62 - 41,1	2183 - 3248
33290170037A3C	3 x 3/0 + 3 x 8	1,735 - 44,1	2662 - 3961
33290170037A4C	3 x 4/0 + 3 x 8	1,975 - 50,2	3283 - 4885
33290170037A5C	3 x 250 + 3 x 6	2,16 - 54,9	3952 - 5881
33290170037A6C	3 x 300 + 3 x 6	2,255 - 57,3	4507 - 6706
33290170037A7C	3 x 350 + 3 x 6	2,38 - 60,5	5119 - 7617
33290170037A8C	3 x 400 + 3 x 6	2,45 - 62,2	5612 - 8351
33290170037AAC	3 x 500 + 3 x 6	2,645 - 67,2	6733 - 10019

Other dimension and colours available on request.