

GAALFLEX® TRAY VFD 1410 2000 V

Inverter; connection to frequency converters, UV Resistant, UL 1277 type TC-ER 2000 V 90°C Dry 90°C Wet



ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1410 2000 V
 UL 1277 Type TC-ER, 2000 V
 UL: type RHH or RHW-2 conductors per UL 44
 and ICEA S-95-658, NEMA WC 70
 CSA: c (UL) CIC/TC FT4



Construction:

Conductor:	stranded red copper, acc.to ASTM B-3 and ASTM B-8
Insulation:	special XLPE compound
Cores color:	acc. to ICEA S-58 679 method 4 black conductors whit number printed
Earth conductor:	stranded red copper, acc.to ASTM B-3 and ASTM B-8
Earth conductor insulation:	uninsulated
Stranding:	in layers
Screen:	red copper tape
Outer Sheath:	black (similar RAL 9005), special PVC compound

Resistance:



Flame test acc. to:

UL 1581,
 UL 2556 VW-1,
 CSA FT4,
 UL 1685 vertical flame test,
 IEEE 383, IEEE 1202 vertical tray flame test,
 ICEA T-29-520

Technical data:

Nominal voltage UL:	2000 V
Temperature range	
<i>Fixed laying:</i>	- 25 °C up to + 90 °C
<i>Flexible application:</i>	- 25 °C up to + 90 °C
Min. bending radius:	12 x d

Features:

UV resistant
 outdoor use
 installation in hazardous areas
 on request special EPR compound insulation version
 on request 4 conductor version
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 and ICEA S-95-658, NEMA WC 70
 CSA: c (UL) CIC/TC FT4
 RoHS approval
 EPA 40 CFR, part 261
 OSHA and MSHA on request



UL/CSA Standards:

UL 44 2000 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

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Part no.	No. of cores x cross section n x AWG/MCM	Outer Ø inches/mm ±10%	Copper weight		Cable weight approx.	
			Lbs/Mft	kg/km	Lbs/Mft	kg/km
33110171037A14	3 x 14 + 3 x 18	0,58 - 14,73	91	- 135	212	- 315
33110171037A12	3 x 12 + 3 x 16	0,615 - 15,37	127	- 189	260	- 387
33110171037A10	3 x 10 + 3 x 14	0,67 - 17,2	183	- 272	329	- 490
33110171037A08	3 x 8 + 3 x 14	0,77 - 19,56	246	- 366	441	- 656
33110171037A06	3 x 6 + 3 x 12	0,895 - 22,73	368	- 548	618	- 920
33110171037A04	3 x 4 + 3 x 12	0,995 - 25,7	522	- 777	830	- 1235
33110171037A02	3 x 2 + 3 x 10	1,125 - 28,58	801	- 1192	1152	- 1714
33110171037A1C	3 x 1/0 + 3 x 6	1,385 - 35,18	1348	- 2006	1853	- 2757
33110171037A2C	3 x 2/0 + 3 x 6	1,48 - 37,59	1616	- 2405	2169	- 3227
33110171037A3C	3 x 3/0 + 3 x 5	1,59 - 40,39	2010	- 2991	2619	- 3897
33110171037A4C	3 x 4/0 + 3 x 4	1,78 - 45,21	2517	- 3745	3241	- 4823
33110171037A5C	3 x 250 + 3 x 4	1,94 - 49,28	2895	- 4308	3763	- 5599
33110171037A7C	3 x 350 + 3 x 2	2,16 - 54,86	4089	- 6084	5109	- 7602
33110171037AAC	3 x 500 + 3 x 1	2,45 - 62,36	5693	- 8471	6933	- 10316

Other dimension and colours available on request.