

GAALFLEX® VFD CABLES

GAALFLEX® TRAY VFD 1410 600 V

Inverter, connection to frequency converters, UV Resistant, UL 1277 type TC-ER 600 V 90°C Dry 90°C Wet



ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1410 600 V
UL 1277 Type TC-ER, 600 V
CSA: c (UL) CIC/TC FT4



Construction:

Conductor:	stranded red copper, acc.to ASTM B-8, B496
Insulation:	XLPE compound (VW-1 / XHWW-2)
Cores color:	acc. to ICEA S-58 679 method 4 black conductors with number printed
Earth conductor:	stranded red copper, acc.to ASTM B-8 and ASTM B-8, B496
Earth conductor insulation:	uninsulated
Stranding:	in layers
Screen:	Copper tape
Outer Sheath:	black (similar RAL 9005), 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:	600 V
Temperature range:	
<i>Fixed laying:</i>	- 40 °C up to + 90 °C
<i>Flexible application:</i>	- 25 °C up to + 90 °C

Features:

UV resistant, Direct Burial
Outdoor use
Installation in hazardous areas Class I Zone 2, Zone 22 (Class II Div 2)
On request special EPR compound insulation version
On request 4 conductor version
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RoHS approval
OSHA and MSHA on request



UL/CSA Standards:

UL 44 thermoplastic insulation
UL 1277
CSA C22.2 No 38

Part no.	No. of cores x cross section n x AWG/MCM	Outer Ø inches/mm ±10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. Lbs/Mft - kg/km
33110F71037A14	3 x 14 + 3 x 18	0,40 - 10,26	71 - 105	126 - 188
33110F71037A12	3 x 12 + 3 x 16	0,45 - 11,3	103 - 153	167 - 249
33110F71037A10	3 x 10 + 3 x 14	0,49 - 12,6	155 - 231	229 - 341
33110F71037A08	3 x 8 + 3 x 14	0,66 - 16,76	220 - 327	355 - 529
33110F71037A06	3 x 6 + 3 x 12	0,74 - 18,85	336 - 500	501 - 746
33110F71037A04	3 x 4 + 3 x 12	0,89 - 22,5	485 - 722	717 - 1067
33110F71037A02	3 x 2 + 3 x 10	0,96 - 24,49	766 - 1140	1004 - 1494
33110F71037A1C	3 x 1/0 + 3 x 10	1,15 - 29,31	1136 - 1691	1472 - 2191
33110F71037A2C	3 x 2/0 + 3 x 10	1,24 - 31,50	1402 - 2086	1763 - 2623
33110F71037A4C	3 x 4/0 + 3 x 8	1,47 - 37,21	2206 - 3283	2658 - 3955

Other dimension and colours available on request.