

FE4(O)CR

inverter, connection to frequency converters



ELETTROTEK KABEL® FE4OCR



Construction:

Conductor:	flexible red copper conductor Cl.5, acc. to IEC 60228
Insulation:	XLPE compound
Colour cores:	acc. to DIN VDE 0293-308, HD 308 (brown - gray - black)
Stranding:	cores laying to concentric crowns to ensure roundness to the cable
Inner sheath:	PVC compound
Screen:	red copper braid of the same section as the phase conductor (for sections up to 16 mm ²) or equal to half phase conductor, with a minimum of 16 mm ² (for section greater than 25 mm ²)
Outer sheath:	grey (RAL 7001), PVC, type Rz

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1 CEI 20-22 III

Technical data:

Nominal voltage:	0,6/1 kV
Test voltage:	4 kV
Temperature range:	- 20 °C / + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	8 x d

Features:

according to IEC 60502-1 and CEI 20-13
according to CEI-UNEL 35375

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
33200G83030M25	3x2,5+SH	14,6	96	340	14
33200G83030M40	3x4+SH	15,8	134	400	12
33200G83030M60	3x6 +SH	18,7	231	490	10
33200G83030M61	3x10+SH	21,7	336	720	8
33200G83030M62	3x16+SH	25,3	615	1040	6
33200G83030M63	3x25+SH	28,8	873	1410	4
33200G83030M64	3x35+SH	32,2	1162	1870	2
33200G83030M65	3x50+SH	36	1680	2400	1
33200G83030M66	3x70+SH	40,7	2352	3360	2/0
33200G83030M67	3x95+SH	47,6	3192	4350	3/0
33200G83030M68	3x120+SH	52,2	4032	5540	4/0
33200G83030M69	3x150+SH	56,4	5040	6880	250 MCM
33200G83030M70	3x185+SH	64,8	6216	8350	350 MCM
33200G83030M71	3x240+SH	74,5	8604	11540	450 MCM
33200G83030M72	3x300+SH	85,5	10080	13480	550 MCM

Other dimensions and colours available on request.