

GAALFLEX® CONTROL 500 FL OR UV

PVC control cable 450/750 V acc. to CEI UNEL 36762, EN 50575:2014 + A1:2016, Eca



ELETTROTEK KABEL® GAALFLEX® CONTROL 500 FL OR UV, Eca

Construction:

Conductor:	flexible plain annealed copper conductor Cl. 5, acc. to IEC 60228
Insulation:	PVC type T11
Colour cores:	DIN 47100
Stranding:	in layers
Outer sheath:	blue (similar RAL 5015), PVC type TM2

Resistance:



Flame and fire retardant acc. to:
CEI 20-35, IEC 60332-1
CEI 20-22 II, IEC 60332-3

Technical data:

Nominal voltage:	U ₀ /U 450/750 V
Test voltage:	
<i>conductors:</i>	4 kV x 5 min
<i>sheath:</i>	5 kV x 5 min
Temperature range	-10°C up to +70°C
Min. bending radius:	10 x d
Conductor resistance:	
<i>0,50 sqmm:</i>	39 OHm/km at 20°C
<i>1 sqmm:</i>	19,5 OHm/km at 20°C

Features:

insulation and jacket acc. to CEI 20-11
compound lead free acc. to CEI 20-52
acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Eca
classification (CEI UNEL 35016), EN 13501-6
suitable for installation in a single conduit
or channel or bridge, without interposing
separators, with cable system of Category I°
marked "450/750" or "0,6/1 kV" (as required by CEI-UNEL 36762)
UV resistant
RoHS and CE approval



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
31450EB4020M05	2 x 0,5	5	9,6	35
31450EB4040M05	4 x 0,5	6	19,2	55
31450EB4060M05	6 x 0,5	6,4	28,8	58
31450EB4080M05	8 x 0,5	7,1	38,4	70
31450EB4100M05	10 x 0,5	8,5	48	90
31450EB4120M05	12 x 0,5	8,6	57,6	120
31450EB4020M10	2 x 1	6,4	19,2	63
31450EB4040M10	4 x 1	7,8	38,4	95

Other dimensions and colours available on request.