

BASKET CABLES

BASKET SPREADER 750 (3GSLTOE)

Control cable hoisting cages in crane systems

ELETTROTEK KABEL® BASKET SPREADER 750 (3GSLTOE)



Construction:

Conductor:	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	GAALTHERM® 530
Cores color:	white cores with consecutive numbers acc. to EN 50334 + green/yellow
Individual screen:	tinned copper braid (only for control cables with Bus element version)
Central unit:	aramide yarns with lead
Stranding:	cores are twisted to bundle with central lead core, bundles twisted around central unit
Wrapping:	non-woven tape, on each bundle and overall
Outer sheath:	black (similar to RAL 9005), PUR compound

Resistance:



Oil resistance acc. to:
DIN VDE 0473-811-404 part. 10
DIN EN 60811-404

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV
Max. operating voltage in A.C. systems:	U ₀ /U 0,7/1,2 kV
Max. operating voltage in D.C. systems:	U ₀ /U 0,9/1,8 kV
Test voltage:	3,5 kV
Temperature range:	
<i>Fixed laying:</i>	-50°C up to +80°C
<i>Flexible application:</i>	-40°C up to +80°C
Max. temp on conductor:	
<i>In service:</i>	up to +90°C
<i>In short circuit:</i>	up to +250°C
Min. bending radius:	5 × D
Tensile strength:	up to 15 n/mm ²
Max. torsion:	± 25°/1mt.
Max speed (main application):	160 m/min

Features:

UV, ozone, and moisture resistance
outdoor/indoor use
up to 50 mt. suspension length
high breaking load of supporting unit
cold resistant
possible constructions: control cables with Bus or Fibre Optics element
GOST-R approval on request
for SPEED see pages from 2 to 4 of catalogue
CE approval

CE

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3GSLTOE-J control cables

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.®)
03330G7A481M10	48G1	32,5	460,8	2350	18
03330G7A241M25	24G2,5	30,5	576	1750	14
03330G7A301M25	30G2,5	32,6	720	2250	14
03330G7A361M25	36G2,5	36,2	864	2800	14
03330G7A421M25	42G2,5	38,5	1008	3500	14
03330G7A481M25	48G2,5	42,5	1152	4050	14
03330G7A541M25	54G2,5	47	1296	3900	14
03330G7A201M35	20G3,5	32,5	672	2200	12
03330G7A241M35	24G3,5	33,5	806,4	2350	12
03330G7A301M35	30G3,5	36	1008	3000	12
03330G7A361M35	36G3,5	39,5	1209,6	3750	12
03330G7A421M35	42G3,5	44	1411,2	4500	12
03330G7A481M35	48G3,5	47	1612,8	4800	12
03330G7A541M35	54G3,5	47,5	1814,4	5100	12

3GSLTOE-J control cables with BUS element

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.®)
03330G7A36BM25	36G2,5+2x(2x1)C	43	-	3830	14/18

Other dimensions and colors available on request.