



BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

ELETTROTEK KABEL® BASKET SPREADER 740 (YSLTOE)



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	PVC TYPEY12
CORES COLOR:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 + GREEN/YELLOW
CENTRAL UNIT:	ARAMIDYARNS 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 TYPE 11YM1

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0482 PART 265-2-1
EN 50265-2-1
IEC 60332-1-2



OIL RESISTANCE ACC. TO:
DIN VDE 0282 PART.10
IEC EN 60811-2-1

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 300/500 V
MAX. OPERATING VOLTAGE IN A.C. SYSTEMS:	U ₀ /U 310/550 V
MAX. OPERATING VOLTAGE IN D.C. SYSTEMS:	U ₀ /U 410/825 V
TEST VOLTAGE:	2 kV
TEMPERATURE RANGE:	
FIXED LAYING:	-20°C UP TO +60°C
FLEXIBLE APPLICATION:	-20°C UP TO +60°C
MAX. TEMP ON CONDUCTOR:	
IN SERVICE:	UP TO +70°C
IN SHORT CIRCUIT:	UP TO +150°C
MIN. BENDING RADIUS:	15 x 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 VERSION ON REQUEST
POSSIBLE CONSTRUCTIONS: CONTROL CABLES WITH BUS OR FIBRE OPTICS ELEMENT
UL/CSA APPROVAL ON REQUEST
GOST-R APPROVAL ON REQUEST
FOR SPEED SEE PAGES FROM 1 AND 2 OF CATALOGUE
CE APPROVAL

CE

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YSLTOE-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.*)
03150D70481M10	48 g 1	32	460,8	1900	18
03150D70121M25	12 g 2,5	22,9	288	834	14
03150D70241M25	24 g 2,5	30	576	1650	14
03150D70301M25	30 g 2,5	32,6	720	2050	14
03150D70361M25	36 g 2,5	36,2	864	2350	14
03150D70421M25	42 g 2,5	38,5	1008	3050	14
03150D70481M25	48 g 2,5	42,5	1152	3450	14
03150D70541M25	54 g 2,5	47	1296	3490	14
03150D70201M35	20 g 3,5	32,3	672	2000	12
03150D70241M35	24 g 3,5	32,5	806,4	2080	12
03150D70301M35	30 g 3,5	36,6	1008	2650	12
03150D70361M35	36 g 3,5	39,5	1209,6	3300	12
03150D70421M35	42 g 3,5	41,2	1411,2	3800	12
03150D70481M35	48 g 3,5	44,1	1612,8	4150	12
03150D70541M35	54 g 3,5	44,3	1814,4	4430	12

Other dimensions and colors available on request.

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:	ARAMID 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

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:	
FIXED LAYING:	-50°C UP TO +80°C
FLEXIBLE APPLICATION:	-40°C UP TO +80°C
MAX. TEMP ON CONDUCTOR:	
IN SERVICE:	UP TO +90°C
IN SHORT CIRCUIT:	UP TO +250°C
MIN. BENDING RADIUS:	5 X D
TENSILE STRENGTH:	UP TO 15 N/mm ²
MAX. TORSION:	± 25°/1mt.
MAX SPEED (MAIN APPLICATION):	160 m/min

Resistance:



OIL RESISTANCE ACC. TO:
DIN VDE 0473-811-404 PART.10
DIN EN 60811-404

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 1 AND 2 OF CATALOGUE
- CE APPROVAL

CE

BASKET SPREADER 750 (3GSLTOE)

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ELETTROTEK KABEL® BASKET SPREADER 750 (3GSLTOE)



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	48 g 1	32,5	460,8	2350	18
03330G7A241M25	24 g 2,5	30,5	576	1750	14
03330G7A301M25	30 g 2,5	32,6	720	2250	14
03330G7A361M25	36 g 2,5	36,2	864	2800	14
03330G7A421M25	42 g 2,5	38,5	1008	3500	14
03330G7A481M25	48 g 2,5	42,5	1152	4050	14
03330G7A541M25	54 g 2,5	47	1296	3900	14
03330G7A201M35	20 g 3,5	32,5	672	2200	12
03330G7A241M35	24 g 3,5	33,5	806,4	2350	12
03330G7A301M35	30 g 3,5	36	1008	3000	12
03330G7A361M35	36 g 3,5	39,5	1209,6	3750	12
03330G7A421M35	42 g 3,5	44	1411,2	4500	12
03330G7A481M35	48 g 3,5	47	1612,8	4800	12
03330G7A541M35	54 g 3,5	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	36 g 2,5+2 x (2 x 1)C	43	-	3830	14/18

Other dimensions and colors available on request.