

# BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

ELETTROTEK KABEL® BASKET SPREADER 740 (YSLTOE)



## Construction:

<b>CONDUCTOR:</b>	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
<b>INSULATION:</b>	PVC TYPEY12
<b>CORES COLOR:</b>	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 + GREEN/YELLOW
<b>CENTRAL UNIT:</b>	ARAMIDYARNS WITH LEAD
<b>STRANDING:</b>	CORES ARE TWISTED TO BUNDLE WITH CENTRAL LEAD CORE, BUNDLES TWISTED AROUND CENTRAL UNIT
<b>WRAPPING:</b>	NON-WOVEN TAPE, ON EACH BUNDLE AND OVERALL
<b>OUTER SHEATH:</b>	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:

<b>NOMINAL VOLTAGE:</b>	U <sub>0</sub> /U 300/500 V
<b>MAX. OPERATING VOLTAGE IN A.C. SYSTEMS:</b>	U <sub>0</sub> /U 310/550 V
<b>MAX. OPERATING VOLTAGE IN D.C. SYSTEMS:</b>	U <sub>0</sub> /U 410/825 V
<b>TEST VOLTAGE:</b>	2 kV
<b>TEMPERATURE RANGE:</b>	
FIXED LAYING:	-20°C UP TO +60°C
FLEXIBLE APPLICATION:	-20°C UP TO +60°C
<b>MAX. TEMP ON CONDUCTOR:</b>	
IN SERVICE:	UP TO +70°C
IN SHORT CIRCUIT:	UP TO +150°C
<b>MIN. BENDING RADIUS:</b>	15 x D
<b>TENSILE STRENGTH:</b>	UP TO 15 N/mm <sup>2</sup>
<b>MAX. TORSION:</b>	± 25°/1MT.
<b>MAX SPEED (MAIN APPLICATION):</b>	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 <sup>2</sup>	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.