

HELUSPREADER YSLTÖ-J spreaders cable for vertical basket enterprise



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Technical data

- Special cable adapted to DIN VDE 0250
- **Temperature range**
flexing -20°C to +60°C
fixed installation -20°C to +60°C
- max. **Operating temperature**
at conductor +90°C
- max. **Short circuit temperature**
at conductor +150°C
- **Nominal voltage** U₀/U 300/500 V
- max. **Tensile load** 2000 N
- **Minimum bending radius**
15x cable Ø
- **Current carrying capacity**
to DIN VDE 0298 part 4

Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.5 or cl.6, fine-wire or extra-fine-wire, BS 6360 cl.5 or cl.6, IEC 60228 cl.5 or cl.6
- Core insulation of special EPR
- Core identification to DIN VDE 0293 black cores with continuous white numbering
- GN-YE conductor
- Cores laid-up in lay of length, stranding with optimal length of twists around a Kevlar element
- Outer sheath of special polychloropren
- Sheath colour black (RAL 9005)

Properties

- weather resistant
- UV-resistant
- high abrasion resistance

Note

- G = with green-yellow conductor
Delivery on request:
- also as -K model, temperature range -40°C to +80°C
- further dimensions and special designs
- AWG sizes are approximate equivalent values. The actual cross-section is in mm²

Application

As Spreader cable with high mechanical stresses in vertical basket operation in dry, moist, wet environment and in open air. Please note that at the installation the cable must be placed counterwise and free of twist into the basket.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Part no.	No. cores x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight app. kg / km	Tensile strain max. N	AWG-No.	Part no.	No. cores x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight app. kg / km	Tensile strain max. N	AWG-No.
40160	36 G 2,5	38,1 - 41,0	864,0	2500,0	2000	14	40164	36 G 3,3	42,4 - 45,5	1140,0	3200,0	2000	12
40161	42 G 2,5	40,8 - 43,8	1008,0	3000,0	2000	14	40165	42 G 3,3	46,6 - 49,6	1330,0	3750,0	2000	12
40162	48 G 2,5	45,7 - 48,7	1152,0	3650,0	2000	14	40166	48 G 3,3	52,0 - 55,0	1521,0	4450,0	2000	12
40163	54 G 2,5	47,0 - 51,0	1296,0	4100,0	2000	14	40167	54 G 3,3	56,6 - 60,0	1711,0	5000,0	2000	12

Dimensions and specifications may be changed without prior notice. (RG01)