YSLYCY-JZ, YSLYCY-OZ control cables, screened, PVC/PVC, 300/500V

Flex, PVC insulated and sheathed, screened, flame retardant.

YSLYCY-xZ, 20.02.2024 rev.1

YSLY-CYxZ, 17.01.2023 rev.0

Temperature range

Storage: -10 to +50 °C

Installation: -5 to +30 °C

Operation (static): -40 to +80 °C, minimun bend 6 x O.D.

Operation (occasional bending): -5 to +70 °C, minimum bend 15 x O.D.

Standard of reference

VDE 0207-303-7, VDE 819-102 (TM54), EN 60811-1-4, VDE 0472 part 804, IEC60332-1-2.

Design

Conductor material: Copper conductor, bare, flexible (acc. to VDE 0295 class 5 and IEC 228 class 5)

Insulation: PVC compound (type TI2 acc. to HD 21.1)

Colour code:

OZ – black cores with imprinted digits, no green and yellow protective conductor

JZ – black cores with imprinted digits, green and yellow protective conductor

Stranding method: cores stranded in layers, with optimum lay lengths

Inner sheath: PVC compound (type MI2 acc. to HD 21.1), colour RAL7001

Screen: tinned copper wire braid, coverage 70%

Outer sheath: PVC compound (type MI2 acc. to HD 21.1), colour RAL7001

Marking: APS Finland – ww/yy – C-FLEX cable type – 300/500V +80°C – VDE 0472 IEC60332-1-2 – P/N – lot# + meter

Environmental properties and Fire Performances

Flame retardant: Test method B according to VDE 0472 part 804 and IEC60332-1-2

European Directive Compliance: EU Directive 2011/65/EU (RoHS 2), 2015/863/EU (RoHS 3)

Electrical characteristics

Rated Voltage: 300/500 V
Test voltage: 3000V
Max conductor temperature: +70°C during operation, +150°C in the case of a short circuit
Min. insulation resistance: 20 MΩOhm x km
Breakdown voltage: Min.6000 V

Ordering and delivery information

Cable type	Part number	STK no.	Outer diameter (mm)	Approx. weight (kg/km)	Retail packaging (length)	Drum size (diam. mm)	Drum weight (kg, approx)
YSLYCY-JZ 4x1,5 K500	CFYSLYCYJZ0415K5	0424321	9.6	162.33	Drum 500m (+-5%)	450	83.17
YSLYCY-JZ 4x2,5 K500	CFYSLYCYJZ0425K5	0424322	11.8	252.36	Drum 500m (+-5%)	500	128.38
YSLYCY-JZ 3x1,5 K500	CFYSLYCYJZ0315K5	0424323	9.1	139.16	Drum 500m (+-5%)	450	71.58
YSLYCY-JZ 5x0,75 K500	CFYSLYCYJZ05075K5	0424324	9.4	145.05	Drum 500m (+-5%)	450	74.53
YSLYCY-JZ 5x1,5 K500	CFYSLYCYJZ0515K5	0424325	10.6	200	Drum 500m (+-5%)	500	102.2
YSLYCY-JZ 3x2,5 K500	CFYSLYCYJZ0325K5	0424326	10.6	198.91	Drum 500m (+-5%)	500	101.66
YSLYCY-JZ 7x1,5 K500	CFYSLYCYJZ0715K5	0424327	11.5	242.09	Drum 500m (+-5%)	500	123.25
YSLYCY-JZ 4x6 K500	CFYSLYCYJZ0460K5	0424328	15.4	474.62	Drum 500m (+-5%)	600	239.81
YSLYCY-JZ 7x0,75 K500	CFYSLYCYJZ07075K5	0424329	9.6	158.5	Drum 500m (+-5%)	450	81.25

Edit

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