

CONDORFLEX® YY BK JZ/OZ 0,6/1kV

CPR Class **Eca**

DOP Number **008 2017**



MULTISTANDARD
CABLES

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RESISTENTE AGLI OLI
OIL RESISTANCE



RESISTENTE AI RAGGI UV
UV RESISTANT

IMPIEGO APPROPRIATO / APPROPRIATE USE

Impiegato per il trasporto di segnali e comandi.

Le caratteristiche costruttive lo rendono adatto ad essere utilizzato in centrali elettriche, impianti di aria condizionata ed in impianti per controllo di macchine industriali.

Suitable for signal and control systems transmission.

Manufacturing features makes this cable suitable to be used in power plants, air conditioning systems and industrial machines control systems.

	CARATTERISTICHE/ CHARACTERISTICS	DESCRIZIONE/ DESCRIPTION	NORME/ REFERENCE
	Tipo di cavo <i>Type of cable</i>	YSLY BK JZ/OZ	
	Tensione nominale <i>Nominal Voltage</i>	U _o /U 600/1000 V	
1	Conduttore <i>Core</i>	Flessibile di rame rosso ricotto classe 5 <i>Class 5 flexible annealed red copper</i>	EN 60228
2	Isolamento <i>Insulation</i>	PVC tipo T12 special <i>PVC T12 special type</i>	EN 50363
3	Guaina <i>Sheath</i>	PVC tipo TM2 special, colore nero RAL 9005 (resistente agli oli TM54) <i>PVC TM2 special type, black colour RAL 9005 (Oil Resistance TM54)</i>	EN 50363
	Campo di temperatura <i>Temperature range</i>	Posa fissa: da -40°C a +80°C, posa mobile: da -5°C a +70°C <i>Fixed laying: from -40°C to +80°C, mobile laying: from -5°C to +70°C</i>	
	Temperatura massima di corto circuito <i>Maximum short circuit temperature</i>	150°C	
	Tensione di prova <i>Testing voltage</i>	4000 V AC	
	Raggio minimo di curvatura <i>Minimum banding radius</i>	Posa fissa: 4 x diametro esterno - Posa mobile: 15 x diametro esterno <i>Fixed laying: 4 x external diameter - Mobile laying: 15 x external diameter</i>	
	Imballo <i>Package</i>	Matasse mt.100 in termoretraibile - Bobine <i>100 m thermo-shrinking material coils - Drums</i>	

NORME RIF. GENERALI / GENERAL REFERENCE

EN 50525-2-1, EN 50575:2014 + EN 50575/A1:2016

IDENTIFICAZIONE CONDUTTORI / CORE IDENTIFICATION

Nere numerate bianche (EN 50334). JZ: con Giallo/Verde; OZ: senza Giallo/Verde

Black cores numbered in white (EN 50334). JZ: with Yellow/Green; OZ: no Yellow/Green

Sezione 0.50 mm ² / Cross-section 0.50 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 0.50	6.2	56	9.6
3 x 0.50	6.5	68	14.4
4 x 0.50	7.0	100	19.0
5 x 0.50	7.9	117	24.0
7 x 0.50	8.5	138	33.6
12 x 0.50	11.3	200	58.0
18 x 0.50	13.3	276	86.0
25 x 0.50	15.8	335	120.0

Sezione 0.75 mm ² / Cross-section 0.75 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 0.75	6.7	81	14.4
3 x 0.75	7.1	93	21.6
4 x 0.75	7.8	108	29.0
5 x 0.75	8.5	126	36.0
7 x 0.75	9.5	162	51.0
12 x 0.75	12.6	236	86.0
18 x 0.75	14.8	334	130.0

Sezione 1 mm ² / Cross-section 1 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 1	7.0	98	19.2
3 x 1	7.4	112	29.0
4 x 1	8.2	131	38.4
5 x 1	9.0	152	48.0
7 x 1	9.9	196	67.0
12 x 1	13.2	286	116.0
18 x 1	15.7	419	173.0
25 x 1	19.6	572	240.0

Sezione 1.5 mm ² / Cross-section 1.5 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 1.5	8.2	123	29.0
3 x 1.5	8.7	144	43.0
4 x 1.5	9.6	170	59.0
5 x 1.5	10.5	199	72.0
7 x 1.5	11.6	261	101.0
12 x 1.5	15.7	399	173.0
18 x 1.5	19.6	547	259.0
25 x 1.5	22.6	770	360.0

Sezione 2.5 mm ² / Cross-section 2.5 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 2.5	9.6	147	48
3 x 2.5	10.1	182	72.0
4 x 2.5	11.2	225	96.0
5 x 2.5	12.5	266	120.0
7 x 2.5	13.8	354	168.0
12 x 2.5	19.6	540	288.0
18 x 2.5	22.6	788	432.0
25 x 2.5	26.2	1094	600.0

Sezione 4 mm ² / Cross-section 4 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 4	12.9	324	154.0
5 x 4	14.3	385	192.0
7 x 4	15.8	513	269.0

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Sezione 6 mm ² / Cross-section 6 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 6	14.5	442	230.0
5 x 6	16.2	526	288.0
7 x 6	19.0	705	403.0

Sezione 10 mm ² / Cross-section 10 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 10	19.5	707	384.0
5 x 10	21.3	881	480.0

Sezione 16 mm ² / Cross-section 16 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 16	22.9	1100	614.0
5 x 16	25.2	1600	768.0

Sezione 25 mm ² / Cross-section 25 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 25	27.4	1600	960.0
5 x 25	30.7	2050	1200.0

Sezione 35 mm ² / Cross-section 35 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 35	30.4	2400	1344.0
5 x 35	34.0	2900	1680.0

Sezione 50 mm ² / Cross-section 50 smm			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 50	35.8	3400	1920.0