

# CONDORFLEX® YY JZ/OZ 300/500V ORANGE

CPR Class **Eca**

DOP Number **001 2017**



RESISTENTE AGLI OLI  
OIL RESISTANCE

## IMPIEGO APPROPRIATO / APPROPRIATE USE

Impiegato per il trasporto di energia e per segnalamento e comando, dentro tubi e canaline protette.

Non è ammessa la posa interrata.

Suitable for signalling and control, installed inside proper pipes and protected ducts. Buried laying is not allowed.

|   | CARATTERISTICHE/<br>CHARACTERISTICS  | DESCRIZIONE/<br>DESCRIPTION   | NORME/<br>REFERENCE |
|---|--|---|---------------------|
|   | Tipo di cavo<br>Type of cable  | YSLY JZ/OZ  |                     |
|   | Tensione nominale<br>Nominal Voltage                                       | Uo/U 300/500 V  |                     |
| 1 | Conduttore<br>Core   | Flessibile di rame rosso nudo classe 5<br>Class 5 flexible raw red copper   | EN 60228            |
| 2 | Isolamento<br>Insulation   | PVC tipo T12 special<br>PVC T12 special type  | EN 50363            |
| 3 | Guaina<br>Sheath   | PVC tipo TM2 special, colore arancio RAL 2003 (resistente agli oli TM54)<br>PVC TM2 special type, orange colour RAL 2003 (Oil Resistance TM54)  | EN 50363            |
|   | Campo di temperatura<br>Temperature range                                  | Movimento occasionale: da -15°C a +70°. Posa mobile: -5°C + 70°C<br>Posa fissa: da -40°C a +80°C<br>Occasional flexing: from -15°C to +70°C. Mobile laying: from -5°C to +70°C<br>Fixed laying: from -40°C to +80°C |                     |
|   | Temperatura massima di corto circuito<br>Maximum short circuit temperature | 150°C   |                     |
|   | Tensione di prova<br>Testing voltage                                       | 4000V AC  |                     |
|   | Raggio minimo di curvatura<br>Minimum banding radius                       | Posa fissa: 4 x diametro esterno - Posa mobile: 15 x diametro esterno<br>Fixed laying: 4 x external diameter - Mobile laying: 15 x external diameter  |                     |
|   | Imballo<br>Package   | Matasse mt.100 in termoretraibile - Bobine<br>100 m thermo-shrinking material coils - Drums   |                     |

## NORME RIF. GENERALI / GENERAL REFERENCE

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

## IDENTIFICAZIONE CONDUTTORI / CORE IDENTIFICATION

Arancioni numerate nere. JZ: con Giallo/Verde; OZ: senza Giallo/Verde

Orange cores numbered in black. JZ: with Yellow/Green; OZ: no Yellow/Green

MULTISTANDARD  
CABLES

CONTROL  
CABLES

DATA  
CABLES

ENERGY  
CABLES

SPECIAL  
CABLES

SHIELDED  
CABLES

ARMOURED  
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UTILITIES

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**CROSS-SECTION 1 smm**

| Construction        | Approximate external diameter | Approximate cable weight | Copper weight |
|---------------------|-------------------------------|--------------------------|---------------|
| n x mm <sup>2</sup> | mm                            | kg/km                    | kg/km         |
| 2 x 1               | 5.7                           | 53                       | 19.2          |
| 3 x 1               | 6.0                           | 65                       | 28.8          |
| 4 x 1               | 6.5                           | 80                       | 38.4          |
| 5 x 1               | 7.1                           | 95                       | 50.0          |

**CROSS-SECTION 1.5 smm**

| Construction        | Approximate external diameter | Approximate cable weight | Copper weight |
|---------------------|-------------------------------|--------------------------|---------------|
| n x mm <sup>2</sup> | mm                            | kg/km                    | kg/km         |
| 2 x 1.5             | 6.3                           | 68                       | 29.0          |
| 3 x 1.5             | 6.7                           | 85                       | 43.0          |
| 4 x 1.5             | 7.2                           | 105                      | 58.0          |
| 5 x 1.5             | 8.1                           | 128                      | 72.0          |