

H05VV5-F 300/500V

CPR Class **Eca**

DOP Number **006 2017**

◁HAR▷

CE

RoHS

REACH



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/ CHARACTERISTICS	DESCRIZIONE/ DESCRIPTION	NORME/ REFERENCE
	Tipo di cavo Type of cable	H05VV5-F JZ/OZ	
	Tensione nominale Nominal Voltage	Uo/U 300/500 V	
1	Conduttore Core	Flessibile di rame rosso ricotto classe 5 Class 5 flexible annealed red copper	EN 60228
2	Isolamento Insulation	PVC tipo T12 special PVC T12 special type	EN 50363
3	Guaina Sheath	PVC tipo TM5 special, colore grigio RAL 7001 PVC TM5 special type, grey colour RAL 7001	EN 50363
	Campo di temperatura Temperature range	Posa fissa: da -40°C a +70°C, posa mobile: da -5°C a +70°C Fixed laying: from -40°C to +70°C, mobile laying: from -5°C to +70°C	
	Temperatura massima di corto circuito Maximum short circuit temperature	150°C	
	Tensione di prova Testing voltage	4000V AC	
	Raggio minimo di curvatura Minimum banding radius	Posa fissa: 4 x diametro esterno - Posa mobile: 12,5 x diametro esterno Fixed laying: 4 x external diameter - Mobile laying: 12,5 x external diameter	
	Imballo Package	Matasse mt.100 in termoretraibile - Bobine 100 m thermo-shrinking material coils - Drums	

NORME RIF. GENERALI / GENERAL REFERENCE

EN 50525-2-51, 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

MULTISTANDARD
CABLES

CONTROL
CABLES

DATA
CABLES

ENERGY
CABLES

SPECIAL
CABLES

SHIELDED
CABLES

ARMoured
CABLES

UTILITIES

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Sezione 0.5 mm ²			
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
3 x 0.5	5.5-7.0	62.4	14.4
4 x 0.5	6.2-7.9	68.2	19.2
5 x 0.5	6.8-8.6	87.1	24.0
7 x 0.5	8.3-10.4	118.7	33.6
12 x 0.5	11.4-12.9	198	58.0
18 x 0.5	12.3-15.3	266.9	86.4
25 x 0.5	14.8-18.3	380.4	120.0

Sezione 0.75 mm ²			
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
3 x 0.75	6.0-7.6	75.6	21.6
4 x 0.75	6.6-8.3	83.9	28.8
5 x 0.75	7.4-9.3	113.3	36.0
7 x 0.75	9.0-11.3	145	50.0
12 x 0.75	11.0-13.7	244.9	86.0
18 x 0.75	13.2-16.4	327.7	130.0
25 x 0.75	15.8-19.5	466.4	180.0

Sezione 1 mm ²			
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
3 x 1	6.3-8.0	89.3	28.8
4 x 1	6.9-8.7	98.6	38.4
5 x 1	7.8-9.8	132.1	48.0
7 x 1	9.5-11.8	169.3	67.0
12 x 1	11.8-14.6	285.9	115.0
18 x 1	14.0-17.2	405.2	173.0
25 x 1	16.8-20.7	569.5	240.0
34 x 1	19.6-24.0	741.7	326.0

Sezione 1.5 mm ²			
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
3 x 1.5	7.4-9.4	109.8	43.0
4 x 1.5	8.2-10.2	140.7	58.0
5 x 1.5	9.1-11.4	175	72.0
7 x 1.5	11.3-14.1	224.2	101.0
12 x 1.5	13.8-17.0	361.7	173.0
18 x 1.5	16.5-20.3	518.3	259.0
25 x 1.5	19.8-24.3	729.9	360.0
34 x 1.5	23.1-28.2	946.6	490.0

Sezione 2.5 mm ²			
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
3 x 2.5	9.0-11.2	162.4	72.0
4 x 2.5	10.1-12.5	203.3	96.0
5 x 2.5	11.0-13.7	251.1	120.0
7 x 2.5	13.6-16.8	326	168.0
12 x 2.5	16.8-20.6	553.3	288.0
14 x 2.5	18.3-22.7	611	336.0
18 x 2.5	20.2-24.8	795.2	432.0
25 x 2.5	24.2-29.6	1109.6	600.0