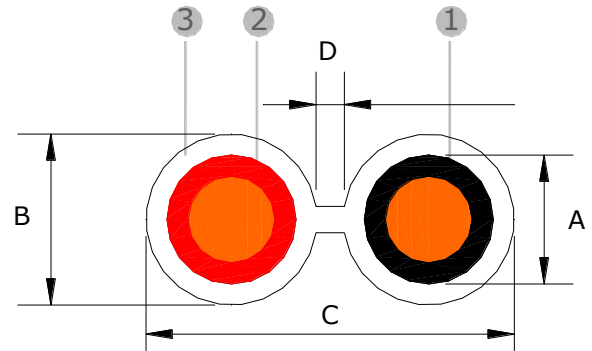


SIOTWIN[®] SOFT PVC/PVC



SCHEMATIC DRAWINGS



APPLICAZIONI APPLICATIONS

Piattina flessibile separabile con isolamento in PVC e guaina in PVC trasparente, ad elevata flessibilità e con buone proprietà meccaniche. Idonea per cablaggio di sistemi di alimentazione a batteria per carrelli elevatori, camion, mezzi agricoli e veicoli elettrici.

Transparent PVC jacket and PVC insulation high flexibility flat figure-eight separable cable, with good mechanical properties. It's suitable for interconnection of battery powered equipment such as forklift, trucks, agricultural and motorized vehicles.

COSTRUZIONE CABLE STRUCTURE

1. Conduttore extra-flessibile classe 6 in rame elettrolitico rosso o stagnato
Extra-flexible class 6 electrolytic bare copper conductor
2. Isolamento in PVC T12
T12 PVC insulation
3. Guaina esterna trasparente in PVC TM2
Transparent TM2 PVC outer sheath

SIOTWIN[®]

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Temperatura utilizzo
Temperature range



5 ÷ 70 °C
-25 ÷ 70 °C
(@ fixed installation)

Tensione di esercizio
Voltage rating



300/500 V_{ac}

Tensione di prova
Test voltage



3000 V_{ac}

Raggio di curvatura
Bending radius



≥ 8 x D_{max}
(@ fixed installation)

Idoneo per posa interna
Suitable for indoor use



Temperatura di corto circuito
Short-circuit temperature



160°C

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Sezione Size conductor [mm ²]	Formazione conduttore Conductor stranding [N° x mm]	Resistenza elettrica Electrical resistance [Ω/Km]	Diametro dell'isolamento [A] Diameter on insulation [A] [mm]	Spessore di isolamento Radial thickness of insulation [mm]
1.5	80 x 0.150	≤ 13.3	2.8 ± 0.1	≥ 0.7
2.5	140 x 0.150	≤ 7.98	3.6 ± 0.1	≥ 0.8
4	224 x 0.150	≤ 4.95	4.3 ± 0.2	≥ 0.8
6	203 x 0.193	≤ 3.30	4.9 ± 0.2	≥ 0.8
10	336 x 0.193	≤ 1.91	6.4 ± 0.2	≥ 0.9
16	532 x 0.193	≤ 1.21	7.4 ± 0.2	≥ 0.9
25	840 x 0.193	≤ 0.780	8.9 ± 0.2	≥ 0.9
35	1140 x 0.193	≤ 0.554	10.5 ± 0.2	≥ 1.0
50	1520 x 0.193	≤ 0.386	12.5 ± 0.3	≥ 1.3

Sezione Size conductor [mm ²]	"Ponte" [D] "Bridge" [D] [mm]	Diametro esterno [B x C] Outer diameter [B x C] [mm]	Spessore guaina Thickness of jacket [mm]
2 x 1.5	0.7 ± 0.2	[4.5 x 9.8] ± 0.3	≥ 0.8
2 x 2.5	0.7 ± 0.2	[5.3 x 11.3] ± 0.3	≥ 0.8
2 x 4	0.9 ± 0.2	[6.0 x 13.0] ± 0.3	≥ 0.8
2 x 6	0.9 ± 0.2	[6.6 x 14.0] ± 0.3	≥ 0.8
2 x 10	0.9 ± 0.2	[8.0 x 17.0] ± 0.3	≥ 0.8
2 x 16	1.8 ± 0.2	[9.0 x 20.0] ± 0.4	≥ 0.8
2 x 25	2.2 ± 0.3	[10.8 x 23.9] ± 0.5	≥ 0.9
2 x 35	2.2 ± 0.3	[12.6 x 27.5] ± 0.5	≥ 1.0
2 x 50	2.2 ± 0.3	[15.0 x 32.2] ± 0.5	≥ 1.1

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Riferimento normativo <i>Standard reference</i>	Direttiva Europea Bassa Tensione No. 2014/35/UE <i>Low Voltage European Directive No. 2014/35/EU</i>
Conduttore <i>Stranding of conductor</i>	Conduttore extra-flessibile classe 6 in rame elettrolitico rosso, conforme alla norma IEC 60228 <i>Extra-flexible class 6 electrolytic bare copper conductor, conforming to IEC 60228 standard</i>
Isolamento <i>Insulation</i>	PVC TI2 conforme alla norma EN 50363-3. Durezza : (70 ± 2) Sh-A. <i>TI2 PVC complies with EN 50363-3 requirements. Hardness : (70 ± 2) Sh-A.</i>
Colore isolamento <i>Color of insulation</i>	Rosso, nero <i>Red, black</i>
Guaina esterna <i>Outer sheath</i>	PVC TM2 trasparente conforme alla norma EN 50363-4-1. Durezza : (67 ± 2) Sh-A. <i>Transparent TM2 PVC complies with standard EN 50363-4-1. Hardness : (67 ± 2) Sh-A.</i>
Marcatura <i>Marking</i>	Marcatura bianca a getto d'inchiostro : SALCAVI TECHNIC SPA ITALY SI-TWIN PVC/PVC sezione in mm ² -25/70 °C - CE - SS/AA <i>White ink-jet marking :</i> SALCAVI TECHNIC SPA ITALY SI-TWIN PVC/PVC mm ² size -25/70 °C - CE - WW/YY

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