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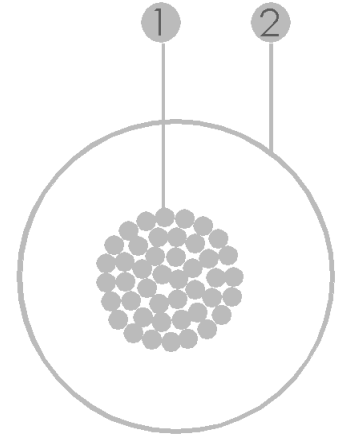
TECHNICAL DATA SHEET



QUALITY MANAGEMENT SYSTEM
ISO 9001:2015

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Cavo auto-motive FR125F5 FASE 5 Auto-motive cable FR125F5 FASE 5



SCHEMATIC DRAWINGS



APPLICAZIONI APPLICATIONS

Cavo flessibile unipolare con isolamento in PVC, idoneo per l'impiego su impianti elettrici, sistemi e componenti in bassa tensione di autoveicoli, molto esposti a fonti di calore, ma non fisse sulla superficie del cavo

PVC insulated flexible wire that is intended for use on low-voltage electrical installations, systems and components of road vehicles very exposed to heat, but not continuously on cable surface.

COSTRUZIONE

CABLE STRUCTURE

1. Conduttore flessibile in rame elettrolitico rosso
Electrolytic bare copper flexible conductor
2. Isolamento in PVC T3
T3 PVC insulation

Temperatura utilizzo
Temperature range



- 40 ÷ 125 °C
[@ fixed installation]

Tensione di esercizio
Rated voltage



50 V_{ac}

Tensione di prova
Test voltage



3 kV_{ac}

Resistenza alla fiamma
Flame resistance



7.Z8220, Par. 3.7

Raggio di curvatura
Bending radius



≥ 8 x D
[@ fixed installation]

Idoneo per posa interna
Suitable for indoor use



Idoneo per posa fissa
Suitable for fixed installation



Resistenza agli agenti chimici
Resistance to chemical agents



7.Z8220, Par. 3.8

Resistenza a gasolio e benzina
Resistance to diesel and gasoline



7.Z8220, Par. 3.8

Resistenza all'olio motore
Resistance to engine oil



9.55535,
7.Z8220, Par. 3.8,
[Class O1 oil]

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Issue n.
2.0

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Sezione <i>Size conductor</i> [mm ²]	Formazione conduttore <i>Conductor stranding</i> [N° x mm]	Resistenza elettrica <i>Electrical resistance</i> [Ω/Km]	Diametro su isolamento <i>Diameter on insulation</i> [mm]	Spessore di isolamento <i>Radial thickness of insulation</i> [mm]
0.25	8 x 0.193	≤ 78.0	1.20 ± 0.05	≥ 0.20
0.35	11 x 0.193	≤ 57.0	1.30 ± 0.05	≥ 0.20
0.50	16 x 0.193	≤ 39.0	1.50 ± 0.05	≥ 0.22
0.75	24 x 0.193	≤ 26.0	1.75 ± 0.1	≥ 0.24
1	32 x 0.193	≤ 19.5	2.0 ± 0.1	≥ 0.24
1.5	28 x 0.245	≤ 13.3	2.3 ± 0.1	≥ 0.24
2	28 x 0.300	≤ 8.95	2.7 ± 0.1	≥ 0.30
2.5	48 x 0.245	≤ 7.98	2.85 ± 0.1	≥ 0.28
3	42 x 0.300	≤ 6.00	3.3 ± 0.1	≥ 0.32
4	52 x 0.300	≤ 4.95	3.5 ± 0.1	≥ 0.32
6	80 x 0.300	≤ 3.30	4.1 ± 0.1	≥ 0.32
10	136 x 0.300	≤ 1.91	6.2 ± 0.2	≥ 0.48
16	210 x 0.300	≤ 1.21	6.5 ± 0.2	≥ 0.52
25	322 x 0.300	≤ 0.780	7.8 ± 0.2	≥ 0.52
35	455 x 0.300	≤ 0.554	9.8 ± 0.2	≥ 1.04
50	646 x 0.300	≤ 0.386	11.5 ± 0.2	≥ 1.2
70	912 x 0.300	≤ 0.272	13.4 ± 0.3	≥ 1.2
95	1235 x 0.300	≤ 0.206	15.5 ± 0.3	≥ 1.2
120	1520 x 0.300	≤ 0.161	16.8 ± 0.3	≥ 1.2

Riferimento normativo <i>Standard reference</i>	ISO 6722, Capitolati FIAT No. : 9.91107, 91107/18, 7.Z8220, 7.Z8210 ISO 6722, FIAT requirements No. : 9.91107, 91107/18, 7.Z8220, 7.Z8210
Conduttore <i>Stranding of conductor</i>	Conduttore flessibile in rame elettrolitico rosso conforme alla norma IEC 60228 (dove applicabile) Electrolytic bare copper flexible conductor conforming to requirements of IEC 60228 standard (where it is applicable)
Isolamento <i>Insulation</i>	125°C PVC, classe T3 secondo capitolato 9.91107, classe C secondo norma ISO 6722 125°C rated PVC complies with T3 class as per 9.91107 requirements and C class as per ISO 6722 standard
Colore isolamento <i>Color of insulation</i>	In conformità al capitolato 91107/18 o su richiesta del cliente In compliance with requirements of 91107/18 standard or on customer's request
Marcatura <i>Marking</i>	Nessuna marcatura Without any marking

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