



SALCAVI
INDUSTRIE

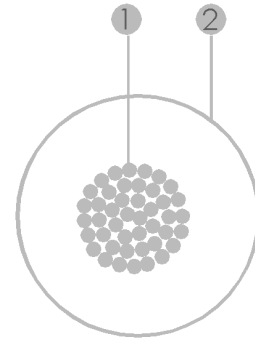
TECHNICAL DATA SHEET



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Cavo multi-norma Style 1015 - TEW - H05V2-K/H07V2-K - BS6231 Multi-approved Style 1015 - TEW - H05V2-K/H07V2-K - BS6231



APPLICAZIONI APPLICATIONS

Cavi unipolari flessibili isolati in PVC, conformi alle norme americane UL e CSA, alla norma europea EN 50525-2-3, alla norma BS6231 ed alla Direttiva Europea Bassa Tensione No. 2006/95 ; idonei per cablaggi interni in posa fissa, di apparecchiature elettriche, elettroniche e di controllo e comando, ed ovunque sia richiesta una buona resistenza al calore

PVC insulated flexible wires comply with the American UL and CSA regulations, the European EN 50525-2-3 regulation, the BS6231 requirements and the Low Voltage European Directive No. 2006/95; these cables are intended for internal wiring of electric and electronic appliances, switchgear and control gear wiring and everywhere a good heat resistance is required.

COSTRUZIONE

CABLE STRUCTURE

1. Conduttore flessibile in rame elettrolitico stagnato o, su richiesta, rosso
Flexible conductor with electrolytic tinned copper or, on request, bare copper
2. Isolamento in speciale PVC con elevata resistenza al calore
Special PVC insulation with high heat resistance

Temperatura utilizzo
Temperature range



-20 °C ÷ 105 °C
(American market)
-20 °C ÷ 90 °C
(European market)

Tensione di esercizio
Rated voltage



600 V_{AC} (American market)
300/500 V_{AC} or 450/750 V_{AC}
(European market)

Tensione di prova
Test voltage



2500 V_{AC}

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 alla fiamma
Flame resistance



VV-1 / FT-1
(American market)
IEC 60332-1-2
(European market)

Revision Date
17/11/2017

Issue n.
3.0

Approved by
UTC

Page: 1 / 3

Al fine di perfezionare i nostri prodotti, le informazioni contenute in questa scheda possono essere variate senza preavviso. Preghiamo verificare con i ns. uffici la data e il numero di revisione.
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	Sezione <i>Size conductor</i> [AWG - 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]
			<i>Bare copper</i>	<i>Tinned copper</i>		
STYLE 1015 TEW H05V2K	AWG 21 - 0.50	16 x 0.193	≤ 39.0	≤ 40.1	2.45 ± 0.1	≥ 30 / 0.76
	AWG 19 - 0.75	24 x 0.193	≤ 26.0	≤ 26.7	2.7 ± 0.1	≥ 30 / 0.76
	AWG 18 - 1	32 x 0.193	≤ 19.5	≤ 20.0	2.85 ± 0.1	≥ 30 / 0.76
STYLE 1015 TEW H07V2K	AWG 16 - 1.5	28 x 0.250	≤ 13.3	≤ 13.7	3.1 ± 0.1	≥ 30 / 0.76
	AWG 14 - 2.5	48 x 0.250	≤ 7.98	≤ 8.21	3.65 ± 0.1	≥ 32 / 0.80
	AWG 12 - 4	52 x 0.300	≤ 4.95	≤ 5.09	4.1 ± 0.1	≥ 32 / 0.80
	AWG 10 - 6	80 x 0.300	≤ 3.30	≤ 3.39	4.8 ± 0.1	≥ 32 / 0.80
	AWG 8 - 10	136 x 0.300	≤ 1.91	≤ 1.95	6.5 ± 0.2	≥ 45 / 1.15
	AWG 6 - 16	210 x 0.300	≤ 1.21	≤ 1.24	8.7 ± 0.2	≥ 60 / 1.55
	AWG 4 - 25	322 x 0.300	≤ 0.780	≤ 0.795	9.8 ± 0.3	≥ 60 / 1.55
	AWG 3 - 35	7 x 65 x 0.300	≤ 0.554	≤ 0.565	11.3 ± 0.2	≥ 60 / 1.55
STYLE 1015 TEW S07V2K	AWG 1 - 50	19 x 34 x 0.300	≤ 0.386	≤ 0.393	13.5 ± 0.3	≥ 80 / 2.05
	AWG 1/0 - 70	19 x 48 x 0.300	≤ 0.272	≤ 0.277	15.6 ± 0.3	≥ 80 / 2.05
	AWG 3/0 - 95	19 x 65 x 0.300	≤ 0.206	≤ 0.210	17.3 ± 0.3	≥ 80 / 2.05
	AWG 4/0 - 120	19 x 80 x 0.300	≤ 0.161	≤ 0.164	18.6 ± 0.3	≥ 80 / 2.05
	250 kcmil - 150	19 x 59 x 0.400	≤ 0.129	≤ 0.132	21.7 ± 0.4	≥ 95 / 2.41
	300 kcmil - 185	37 x 37 x 0.400	≤ 0.106	≤ 0.108	24.3 ± 0.4	≥ 95 / 2.41
	450 kcmil - 240	37 x 50 x 0.400	≤ 0.0801	≤ 0.0817	27.4 ± 0.4	≥ 95 / 2.41

Revision Date 17/11/2017	Issue n. 3.0	Approved by UTC	Page: 2 / 3
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Riferimenti normativi <i>Standard references</i>	UL 758, UL 1581, C22.2 No. 210.2-M90, EN 50525-2-3, BS 6231 File UL No. E132504, File CSA No. LL 90483, IMG license No. A2164 and A2165
Conduttore <i>Stranding of conductor</i>	Conduttore flessibile in rame elettrolitico stagnato, o su richiesta in rame elettrolitico rosso, conforme alle norme UL 758, UL 1581 ed IEC 60228 (Classe 5) <i>Flexible conductor with electrolytic tinned copper, or on request with electrolytic bare copper, complying with UL 758, UL 1581 and IEC 60228 (Class 5) standards.</i>
Isolamento <i>Insulation</i>	PVC conforme alla Tabella 50.182 della norma UL 1581, e tipo T13 conforme alla EN 50363-3 <i>PVC complies with Table 50.182 of standard UL 1581, and T13 type according to EN 50363-3</i>
Colore isolamento <i>Color of insulation</i>	Secondo la norma HD 308 S2 <i>According to HD 308 S2</i>
Marcatura ad inchiostro <i>Ink marking</i>	<u>Per sezioni fino a AWG3 (35 mm²) incluso / For section up to AWG3 (35 mm²) included</u> SALCAVI TECHNIC SPA ITALY - UR AWM E132504 VW-1 STYLE 1015 AWG___ 105°C 600V - CSA LL 90483 TEW 105°C 600V FT1 - IEMMEQU <HAR>H05V2-K 1X___mm ² HT90°C - BS6231 - CE - MM/YR <u>Per sezioni superiori a AWG3 (35 mm²) / For section above AWG3 (35 mm²)</u> SALCAVI TECHNIC SPA ITALY - UR AWM E132504 VW-1 STYLE 1015 AWG___ 105°C 600V - CSA LL 90483 TEW 105°C 600V FT1 - S07V2-K 1X___mm ² HT90°C - BS6231 - CE - MM/AA