

Cables 300/500 V

Tri-Rated UL-CSA H05V2-U



Description

The Tri-Rated UL-CSA H05V2-U cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575, being those indicated for internal wiring of control equipment in those places where special high temperature behaviour is required. Its standardisation, HD 21, BS 6231, UL 758 and CSA 22.2, makes it adequate to be marketed all over the world without technical barriers.

Reference Standards: BS 6231, UL 758, CSA 22.2, UNE-EN 50525-2-31, EN 5

Applications

Suitable for the following installations:

- Internal or external wiring for electrical or electronic equipment.
- Installations in premises with special characteristics: premises at high temperature

Technical Characteristics

1. Conductor	Electrolytic copper conductor, Class I, according to BS EN 60228:2005 (previously BS6360) and UNE 60228.
2. Insulation	PVC insulation type TI-3 according to BS 6231, UL 758, CSA 22.2, UNE 21031-7 and HD 21.7S2:1996/11:1999.
Nominal voltage	300/500V UL 600V BS 0,6/1kV
Test voltage	2.000 V A.C.
Maximum temperature	105 °C

Other characteristics

Colours according to UNE-EN 50525-1 and EN 50525-1

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

PVC insulation with reduced hydrogen chloride (HCl) emission.

CPR Classification according to EN 50575

Dimensions

Section (mm ²)	AWG	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Style	Class
1x0,5	22	36	2,30	9	1015	Eca
1x0,75	20	24,5	2,55	13	1015	Eca
1x1	18	18,1	2,65	15	1015	Eca



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