

Certificate of Conformity



DESCRIPTION	QT	SPECIFICATION
FIREFIT LIH(ST)H-TP FE 180 PH 90 2x2x0,75 white	div.	Application: In covered places where people are densely found: - Instrumentation and control engineering - Industrial electronics - For signal transmission - Intercommunication systems in buildings - In safety and fire alarm systems - In places where human life and valuable materials and equipment need to be protected [INDEX:20220318SQ] Construction: - Flame retardant characteristic - Low smoke emission - Without poisoned and corrosive gases - Colour code: DIN 47100 - Wrapping: PES TAPE - Wrapping: tinned copper drain wire; al-pes tape - sheath: EN 50290-27 HFFR compound - Temperature range: 30 °C up to +80 °C Technical data's: Conductor Material IEC 60228, DIN VDE 0295, EN 60228 Class 5 electrolytic stranded copper Conductor Class 5 Core insulation * Core identification * Stranding Pairwise, pairs in layers Outer sheath * Sheath colour RAL 9003 white Rated voltage [V] 300 / 500 Testing voltage [V] 2000 V Conductor resistance * Insulation resistance * Current carrying capacity * min. bending radius fixed [xd] 7.5xcable min. bending radius moved [xd] * Working temp fixed min/max [C] -30°C up to +70 °C Working temp moved min/mac [C] -5 °C up to +70 °C Temp at conductor * Burning behaviour* Approvals - Insulation Integrity for minimum 180 minutes (FE 180) - Insulation Integrity with mechanical shock (PH 90) - Flame Retardant Test: IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 - Flame Propagation: IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24 - Smoke Density: IEC 61034-2, VDE 0482-1034-2, EN 61034-2 - Corrosive Gas test: IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3 - Halogen free test: IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1 - Circuit Integrity (FE 180): IEC 60331-23 All other information's you can find in the datasheet on our website: https://www.kabeltec.de/index.php/en/home.html

Our Quality Control is Approved DIN EN ISO 9001 : 1994 / Certificate No. GAZ-ZQ-00-10-03-10-01 / Dated 21.07.2000

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For and on behalf of Kabeltec GmbH