




K-SUPERFLEX O.R. CY 750

Description :	EMC-compliant Control Cable with numbered cores Low space requirement due to small cable diameter for fixed installation with working voltage of 450/750 V.
Design:	
Construction :	<p>Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5 PVC Insulation compound type TI1 according to CEI 20-11 and VDE 0207 Black numbered conductors with or without green yellow core Polyester tape Tinned copper screen with coverage 85% Outer jacket in PVC TM2 according to CEI 20-11 and VDE 0207</p>
Manufacturing's Controls:	<p>Test and Control according to our certificated ISO 9001-2015 CSQ-IMQ (EQ-NET) Quality System procedure. Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports</p>
Norms:	<p>CEI 20-11 - CEI 20-20/1 - CEI 20-20/2 IV° Ed. 1996 CEI 20-22/1 - CEI20-22/2 - CEI 20-22/4 IV° Ed. 1996 CEI 20-37/2 II° Ed. 1997 Oil resistant according with CEI 20-34/2-1 (CEI EN 60811-2-1) CPR classification: Eca, (Cables for general applications in construction works subject to fire and smoke response requirements). The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE</p>
Technical dates :	<ul style="list-style-type: none"> • Nominal voltage : 450/750V • Spark Test voltage : 4000 V • Working temperature: Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C • Minimum bending radius: Occasional flexing: 20 x outer Ø Fixed installation: 6 x outer Ø • Mutual capacitance: A/A ca. 120 nF/km A/S ca. 160 nF/km • Inductance Ca. 0,65 mH/km
Use :	<p>The range of application for the PVC control cable K-SUPERFLEX O.R. CY 750 with copper screening braid includes all electrical systems in dry, damp or wet interiors, especially in industrial and/or in EMC-critical environments. The cable can be installed outdoors with UV protection only and in observance of the temperature range. It's suitable when mineral oil resistance is required but it isn't suitable for continuous immersion in oil. To avoid contamination with hydrocarbons. Fitting for light mechanical stress, in case of mechanical damage risk, consider to install the cable with a protection like tubes, channels and so on. Outdoors use is only allowed with UV-protection and in respect of the temperature range.</p>