



K-SUPERFLEX O.R. 750

Description : Multi cores control cable for fixed installation with special PVC insulation and PVC oil resistant jacket with working voltage of 450/750 V.

Design:



Construction : 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 with special mechanical resistance.

Black numbered cores with or without green yellow core

Outer jacket in PVC **TM2** according to CEI 20-11 and VDE 0207

Manufacturing's Controls: 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

Norms :

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

Technical dates :

- 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: 15 x outer Ø
Fixed installation: 4 x outer Ø

Use : Control cable K-SUPERFLEX O.R. 750 is suitable for machine tools interconnections where mineral oil resistance is required. Not suitable for continuous immersion in oil. To be avoid contamination with hydrocarbons. Suitable for light mechanical stress, in case of mechanical damage risk, consider to install the cable with a protection like tubes, channels or something similar. Outdoors use is only allowed with UV-protection and in respect of the temperature range.