REINFORCED DISCONNECT TERMINALS RKF-F608P

female connectors, fully reinforced with copper sleeve fully insulated terminals

'KF-' type terminals are designed to offer improved mechanical and electrical integrity under heavy-duty application.
This is achieved via a Copper sleeve located between the Brass barrel and Polyamide insulation of the terminal.

The funnel shape of this sleeve is designed to provide 'easy entry' of stranded conductor by smoothing the internal path.

Then, during crimping, the insulation of the conductor is integrated into the crimp due to the Copper sleeve being deformed around it to maintain the level of 'grip' required in applications subject to continuous mechanical vibrations (e.g: mobile plant, vehicles, moving components).

Technical details:

The connectors are manufactured from brass P-Cu Zn 30 UNI 4895/1962 (corresponding to: Cu Zn 30 DIN 17660/1974 ; Cu Zn 30 NF A51-101/1977) ful l t IEC 760 requirements

The reinforcement tube is made of copper SF Cu DIN 1787/1973, F25

Main characteristics of the PA6.6 sleeve:

- DIELECTRIC STRENGTH (kV/mm) : >16,5
- VOLUME RESISTIVITY (Ω/cm) : $>10^{13}$
- MAX OPERATING TEMPERATURE (°C) : 105
- FLAMMABILITY' (UL-94) : V-2
- DENSITY (g/cm^3) : 1,14
- WATER ABSORPTION (%) : 1,5
- BREAKING LOAD (N/mm^2) : 77

"KF-" type terminals can be stored at a minimum temperature not below - 40°C.

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Technical characteristics

	Properties
Colour	Red
Width	6.35 mm
Pack qty	1,000
Min. pack qty	100
Height of the hooked	0.8 mm
Dimensional form	Female terminal
Material (Body)	Elecrolytically tin-plated brass
Material (Fully reinforced)	ETP Copper elettrolyticaly tinned
Halogen Free	yes
Min operating temperature range	-20 °C
Max operating temperature range	105 °C
Max operating temperature range (surge)	110 °C
Dimensional form	Female terminal
Material (Body)	Elecrolytically tin-plated brass
Material (Fully reinforced)	ETP Copper elettrolyticaly tinned
Material (Insulated)	Polyamide PA6.6