

THREE-POLE EARTHING AND SHORT -CIRCUITING DEVICES FOR LOW VOLTAGE HRC FUSE BASES

TYPE **WIBT/FB-CTR35/35-55-75-MTE22**

IN CONFORMITY WITH THE INTERNATIONAL STANDARD EN 61230 – IEC 61230

Icc: 9,6 kA/1 s



N°1 set Earthing and short-circuiting cables type **DBT/HRC** consisting of:

- n°3 Extraflexible electrolytic copper cables of short circuit, covered by transparent PVC sheath, connected between them by the connector cluster. Section 35 mm².
Lengths: the first 350 mm, the second 550 mm, the third 750 mm. Complete, at the extremities, of tinning copper lugs and reinforcements by transparent heat-shrink sheath. The lugs are completed by steel inox screws, head CH17 with nuts and washers in order to connect the cables into the female threaded fitting (M10) of the earthing cartridges.
- n°1 Connector cluster covered by a robust transparent cover protection, connecting between them the three short circuit cables and the earthing cable.
- n°1 Earthing cable, characteristics as above, section 35 mm², length 1000 mm connecting between them the connector cluster and the earthing clamp.
- n°1 Aluminum earthing clamp type **MTE22** with "T" for screwing and unscrewing, flat bars and round conductor up to 22mm.

N°3 pieces Earthing cartridges, type **WICART/1-3** for insertion into HRC fuse-bases size 1-3, each made by:

- insulated knife and central part made by polyamide reinforced by fiberglass (insulation part), red colour, in one only piece;
- metal knife made by copper alloy 20 micron.

In the front of cartridge, on the central part, are inserted:

- a copper female thread M10 attack, firm connected with the metal knife;
- grip plates for the insertion and extraction into and from the fuse-base by a grip handle for LV- HRC fuses



N°3 pieces Earthing cartridges, type **WICART/00** for insertion into HRC fuse-bases size 00, each made by:

- insulated knife and central part made by polyamide reinforced by fiberglass (insulation part), red colour, in one only piece;
- metal knife made by copper alloy 20 micron.

In the front of cartridge, on the central part, are inserted:

- a copper female thread M10 attack, firm connected with the metal knife;
- grip plates for the insertion and extraction into and from the fuse-base by a grip handle for LV- HRC fuses.



N°1 piece Dual functions insulated earthing handle type **PH/35-CH17/M10** for safe installation of the earthing and short circuiting device. Total length 0,35 m with hand grips with protection guard (stopper) on the both sides.

Complete on one head of male M10 attack (to insert the earthing cartridge into HRC fuse-base before the positioning of short-circuiting device and following removal) and on the other head of hexagonal female CH17 attack to place and to remove the short-circuiting cables by the screws (hexagonal head CH17) permanent connected on the lugs of the short-circuiting cables.



N°1 piece Rigid plastic storage case with separated compartments for the earthing device, the earthing handle and the earthing cartridges.

Possibility of version with 9 cartridges: 3 NH00 and 6 NH1-3, different earth clamp as for TNB (National Company of Malaysia).

