Copper tape installation steps

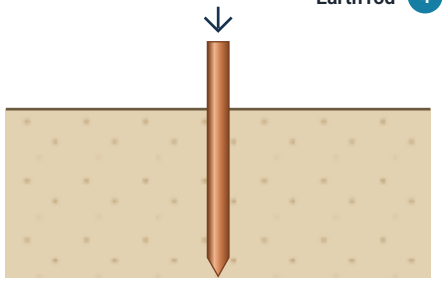
Earth ring and grid in soil (eight steps) and down conductor and roof mesh (four steps)

BARE COPPER TAPE · BCT 203–605

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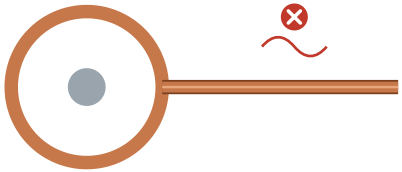
a) Earth ring and grid in soil

Earth rod 4



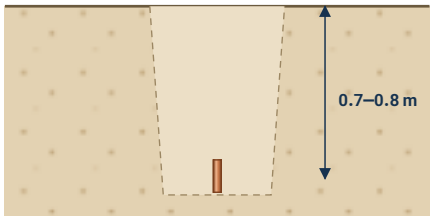
Drive a copper-bonded or copper earth rod at each pit position.

Uncoiling 3



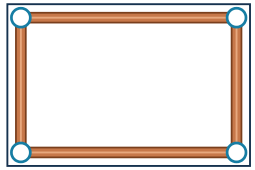
Uncoil the tape without twisting; make bends smooth, with a bender.

Trench 2



70 to 80 cm deep; tape on edge.

Follow the drawing 1



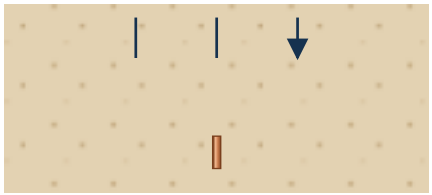
Take the ring route and the earth rod and pit positions from the earthing drawing.

Measurement 8



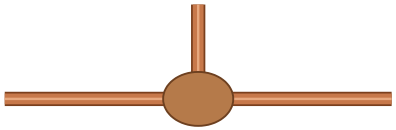
Measure continuity; measure earth resistance with the disconnector open.

Backfilling the trench 7



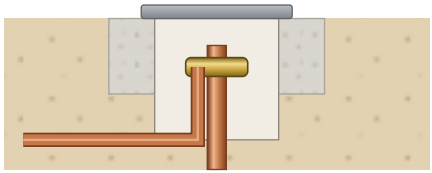
Fine soil free of stones and debris; in high-resistivity soil, GIM.

Buried joints 6



Crossings and branches in soil by exothermic welding only.

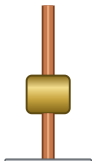
Joint in the pit 5



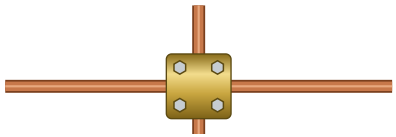
A-type clamp on the earth rod head; pour concrete around the pit.

b) Down conductor and roof mesh

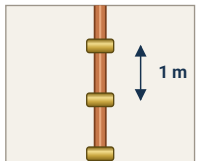
Disconnector 4



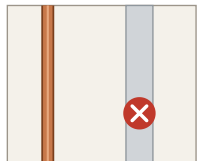
Roof crossings 3



Fixing to the wall 2



Direct route 1





Brass disconnector above ground level.

Crossings with the square four-way clamp.



Brass wall clamp every 1 m on vertical runs up to 20 m.



Down conductor short and straight; not inside the downpipe.

Figures are illustrative and not to scale.

We keep improving our products; please confirm final dimensions with our experts.

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