PFISTERER (Pty) Limited specialises in the manufacture of quality earthing equipment that offers personnel the protection up to the rating of the equipment.

In addition to the standard kits detailing in this brochure, kits are manufactured to cater for customers specific needs.

Most of the equipment offered has successfully past the stringent requirements of IEC1230, as well as Eskom spec SCSSCAAN3. Many criteria of ASTM Standard Specification for Temporary Grounding Systems, F855-90, are covered by IEC1230.

The major tests were conducted by CESI of Itali and are covered by test report MP-99/019886. These test were carried out in a “real life” configuration.
Eskom Safety Earthing Kit No. 1.a

Control Earth 40mm² Red (8 kA / 1 sec)

2x2 meter leads with two snap-on clamps (528)

1x12 meter lead with one snap-on clamp (528) and an earthing clamp (414).

1 x Earth spike
(HAES120)

1 x Red bag
(HARB)
Eskom Safety Earthing Kit No. 1.b

Working Earth 16mm² Yellow (3 kA / 1 sec)

5x2 meter 16mm² yellow leads with snap-on clamps (528)

1x4 meter 16mm² yellow lead with two earthing clamps (414).

1x Cluster bar (HACB)

1x Cluster head (HACH)

1x Earth spike

2x10 meter 16mm² yellow leads with a snap-on clamp 528 and earthing clamp (414)

1x Yellow bag (HAYB)
Eskom Safety Earthing Kit No. 1.c
Portable Footplates 40mm² Red (8kA / 1sec)

1x2 meter 40mm² red lead with double bolt lug (HACEL 40-12D) and earthing clamp (414)

1 x Aluminium checker plate 6/8 mm x 500 x 700mm with two holes for double bolt lug.
Eskom Safety Earthing Kit No. 1.d

Vehicle Footplates 40mm² Red (8 kA / 1 sec)

1 x Aluminium footplate 6/8mm x 500mm x 700mm (HAFP5070) with two holes for double bolt lug.

1 x Earth spike (HAES120)

1x2 meter 40mm² red lead with one double bolt lug (HACEL40-12D) and one single bolt lug (HACEL40)

1x4 meter 40mm² red lead with single bolt lug (HACEL40-12) and earthing clamp (414)
Eskom Safety Earthing Kit No. 2.a)1.
Sub Control Earth 40mm² Red (8 kA / 1 sec)

3 x 3 meter 40mm² red leads with one earthing clamp (414) and one line end clamp (178)

1x Ball stud (HABS) with aluminium plate 70x50mm 1mm thick (HAAP157)
Eskom Safety Earthing Kit No. 2.a).2
Sub Control Earth 95mm² Red (20 kA / 1 sec)

3 x 3 meter 95mm² red leads with one earthing clamp (414) and one line end clamp (178)

Ball stud (HABS) with aluminium plate 70x50 1mm thick (HAAP157)
Eskom Safety Earthing Kit No. 2.a).3
Sub Control Earth 95mm² Red (30 kA / 1 sec)

3 x 3 metre double leads made up of 95mm² conductor with a line end clamp (178) and an earthing clamp (414)

1x Ball stud (HABS) with aluminium plate 70x50 1mm thick (HAAP157)
Eskom Safety Earthing Kit No. 2.b).1
Sub working earth 40mm² Yellow (8 kA / 1 sec)

3 x 3 meters of 40mm² yellow leads with one line end clamp (178) and one earthing clamp (414)
Eskom Safety Earthing Kit No. 2.b).2

Sub working earth 95mm² Yellow (20 kA / 1 sec)

3 x 3 meters of 95mm² yellow leads with one line end clamp (178) and one earthing clamp (414)
Eskom Safety Earthing Kit No. 2.b).3
Sub working earth $95\text{mm}^2$ Yellow (30 kA / 1 sec)

3 x 3 metre double leads made up of 95mm$^2$ yellow leads with one line end clamp (178) and one earthing clamp (414)
178 – Screw On Line End Clamp Ø 5-26mm

528 – Snap On Line End Clamp Ø 5-28mm
414 – Earth Clamp Ø 2-30mm with T-Bar Handle

414D – Line End Clamp Ø 2-30mm D Type Spindle
HABS-30 kA Copper Ball Stud Ø20mm

HAES120 - 1,2m Earthing Spike
HAFP5070 – ALJ Checker Footplate 500x700mm

360 628 628 – Rail Clamp
HACB - Cluster Bar

364 459 001 - Bus Bar Clamp Ø 0 - 85mm
363 179 179 L - Plastic Operating Head for D Spindle
363 179 179 AL - Aluminium Operating Head For D Spindle

363 179 204 L - Plastic Operating Head With Adaptor For D Spindle
363 179 204 AL - Aluminium Operating Head With Adaptor For D Spindle
P201 – Operating Head For B Spindle

P204 – Adaptor Head for 179

HACH – Cluster Head For Snap On Clamps (528)
## Safety Earth Clamp and Equipment Information

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Range</th>
<th>Rating kA / 1 sec</th>
<th>Tested</th>
<th>Weight</th>
<th>Material</th>
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<tr>
<td><strong>Safety Earth Clamps</strong></td>
<td></td>
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<tr>
<td>528</td>
<td>Snap on Line End Clamp</td>
<td>5-28mm</td>
<td>8  Yes *</td>
<td>0.58 Kg</td>
<td>Ali</td>
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<tr>
<td>178</td>
<td>Screw on Line End Clamp</td>
<td>5-26mm</td>
<td>30 Yes *</td>
<td>0.485 Kg</td>
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<tr>
<td>414</td>
<td>Earth Clamp 2-30mm with T-Bar</td>
<td>2-30mm</td>
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<td>T.B.A Copper Alloy</td>
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<tr>
<td>414D</td>
<td>Earth Clamp 2-30mm with D Type Spindle</td>
<td>2-30mm</td>
<td>30 Yes*</td>
<td>T.B.A Copper Alloy</td>
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<tr>
<td>5956</td>
<td>Diamond Head Earth Clamp</td>
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<td>No</td>
<td>T.B.A</td>
<td>Ali</td>
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<tr>
<td>5957</td>
<td>Diamond Head Earth clamp and adaptor</td>
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<td>No</td>
<td>8.75 Kg</td>
<td>Ali</td>
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<tr>
<td>HABS</td>
<td>30 KA Copper Ball Stud</td>
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<td>0.24 Kg</td>
<td>Copper Alloy</td>
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<td>HAF5120</td>
<td>1,2m Earthing Spike</td>
<td>15mm</td>
<td>No</td>
<td>T.B.A Copper Plated</td>
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<td>HAESP070</td>
<td>500X700mm Checker Footplate</td>
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<tr>
<td>360 628 628</td>
<td>Rail Clamp</td>
<td>2-22mm</td>
<td>- No</td>
<td>1.4 Kg</td>
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<tr>
<td>HACB</td>
<td>Cluster Bar</td>
<td>20mm</td>
<td>8 Yes*</td>
<td>T.B.A Ali Plus</td>
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<tr>
<td>364 499 001</td>
<td>Bus Bar Clamp</td>
<td>0-85mm</td>
<td>30 No</td>
<td>T.B.A</td>
<td>Ali</td>
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<td><strong>Safety Earthing Equipment (Tested for compliance with IEC 1230 and Eskom spec SCSSCAAN3)</strong></td>
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<td>363 179 179 L</td>
<td>Plastic Operating Head For Din Spindle</td>
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<td>T.B.A</td>
<td>G.R.N.</td>
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<tr>
<td>363 179 179 ALI</td>
<td>Aluminium Operating Head For Din Spindle</td>
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<td></td>
<td>T.B.A</td>
<td>ALI</td>
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<tr>
<td>363 179 204 L</td>
<td>Plastic Operating Head with Adaptor For D Spindle</td>
<td></td>
<td></td>
<td>0.24 Kg</td>
<td>G.R.N.</td>
<td></td>
</tr>
<tr>
<td>363 179 204 ALI</td>
<td>Aluminium Operating Head With Adaptor For D Spindle</td>
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<td></td>
<td>0.28 Kg</td>
<td>ALI</td>
<td></td>
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<td>P201</td>
<td>Operating Head For B Spindle</td>
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<td>T.B.A</td>
<td>ALI</td>
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<td>P204</td>
<td>Adaptor Head for 179</td>
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<td>T.B.A</td>
<td>ALI</td>
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<tr>
<td>HACH</td>
<td>Cluster Head For Snap On Clamps</td>
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<td>0.72 Kg</td>
<td>Steel</td>
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