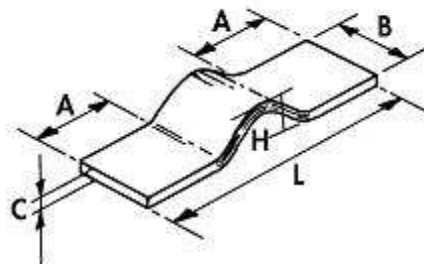








**PPS
PRESSWELDED POWER SHUNTS**



| Part No | Description | Section. (mm ²) | Intensity (ΔT 30 K) | | Intensity (ΔT 50 K) | | A (mm) | B (mm) | C (mm) | L (mm) | H (mm) |  |  |
|---------|--------------------|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| | | |  |  |  |  | | | | | | | |
| 566000 | PPS 40/5/50-180 | 200 | 572 | 984 | 758 | 1304 | 50 | 40 | 5 | 180 | 45 | 2 | 0,390 kg |
| 566020 | PPS 40/10/50-220 | 400 | 849 | 1460 | 1125 | 1935 | 50 | 40 | 10 | 220 | 58 | 2 | 0,930 kg |
| 566030 | PPS 50/10/80-280 | 500 | 1022 | 1758 | 1354 | 2329 | 80 | 50 | 10 | 280 | 58 | 1 | 1,440 kg |
| 566040 | PPS 80/10/100-320 | 800 | 1511 | 2493 | 2002 | 3303 | 100 | 80 | 10 | 320 | 52 | 1 | 2,625 kg |
| 566050 | PPS 100/10/100-300 | 1000 | 1825 | 2920 | 2418 | 3869 | 100 | 100 | 10 | 300 | 54 | 1 | 3,065 kg |
| 566060 | PPS 100/10/110-360 | 1000 | 1825 | 2920 | 2418 | 3869 | 110 | 100 | 10 | 360 | 53 | 1 | 3,610 kg |
| 566070 | PPS 100/15/110-360 | 1500 | 2178 | 3485 | 2886 | 4617 | 110 | 100 | 15 | 360 | 57 | 1 | 5,385 kg |

- Reduce vibrations
- Ideal for Transfo-Busduct links
- Intensity: Up to 4600 A

Press welding is welding of laminations to each other through direct current applied to pieces under pressure.

This technique results in:

- The formation of a solid palm with properties of plain bar
- Smaller cross section for same capacity
- Runs cooler than equal section
- Plain copper, thickness of laminations 0.3 mm
- When used in parallel, the 2 shunts must be spaced with a minimum distance equal to the thickness of the shunt

□ **Technical data:**

- Electrolytic copper Cu-ETP (Cu/Al) according to standard NF EN 13601
- Copper purity of minimum 99,9%
- Maximum resistivity of 0,017241 $\Omega\text{mm}^2 / \text{m}$ below 20°C
- Coefficient of linear expansion: 16,6 x 10⁻⁶ per °C within 20°C to 100°C
- Tensile strength 25 daN/mm²
- Maximum elongation average 12%
- Rounded corners for easier installation

□ **Certificates:**

- ROHS 2002/95/EC Compliance