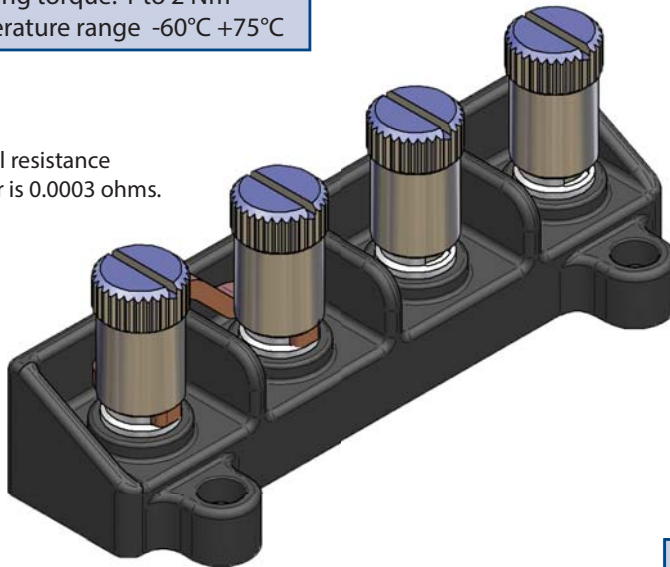


Assembly Instructions for: HPB Terminal

AI 324 / Issue B - 10/17

Terminal tightening torque: 1 to 2 Nm
Operating temperature range -60°C +75°C

Terminal resistance
for each pillar is 0.0003 ohms.



Certification Details

Product Type: HPB Terminal
Baseefa08ATEX0266U (Ex) II 2G Exeb IIC Gb
IECEx BAS08.0085U

Table 1

Max. No. conductors of same size connected to each terminal

Conductor Size (sq. mm.)	Maximum No. of Cores
10	2
6	3
4	4
Smaller Conductors > or = 0.5 sq. mm.	4

Conductors be either all solid or all stranded

Table 2

Conductor Size (mm ²)	0.50	0.75	1	1.5	2.5	4	6	10
Current (Amps)	1	1	8	10	15	21	26	37

Table 3

Alternatively, the following PAIRS of conductor combinations may be fitted in one terminal

1.5mm ² solid with:	Stranded: 2.5mm ² or 4mm ² or 6mm ² or 10mm ² Solid: 1.5mm ²
1.5mm ² stranded with:	Stranded only: 1.5mm ² or 2.5mm ² or 4mm ² or 6mm ² or 10mm ²
2.5mm ² solid with:	Stranded: 6mm ² or 10mm ² Solid: 2.5mm ² or 4mm ²
2.5mm ² stranded with:	Stranded only: 2.5mm ² or 4mm ² or 6mm ² or 10mm ²
4mm ² stranded with:	Stranded only: 4mm ² or 6mm ² or 10mm ²
6mm ² stranded with:	Stranded only: 6mm ² or 10mm ²
10mm ² stranded with:	Stranded only: 10mm ²

Alternatively, the following THREE of conductor combinations may be fitted in one terminal: Two 2.5mm² solid conductors and one 6mm² stranded conductor

- Leads connected to the terminals shall have insulation extending to within 3mm of the terminal throat and the bare end of each lead shall not extend more than 3mm beyond the other side of the slot and shall remain straight. Maximum stripping length 16mm.
- The terminal cap of each terminal, used and unused, shall be fully tightened down by the end user. The tightening torque is 1 to 2Nm.
- Conductors of different sizes and configurations shall not be inserted into the same terminal throat/slot except for the specific combinations listed in Tables 1 & 3. Even distribution of conductors required to ensure all conductors are under compression.
- When installed in an enclosure the creepage and clearance distances between the terminals, adjacent equipment and enclosure walls must comply with the requirements of IEC/EN 60079-7. When the Hawke Terminal Link to Drg. 9476 is fitted, it may affect clearance distances.
- When installed in plastic enclosures, there shall be at least 3mm clearance between the inside of the removable cover/lid of the enclosure and the terminal screws after the connections have been made and the terminal screws and cover/lid have been fully tightened down.
- For conductor sizes less than 1mm² but not less than 0.5mm², the maximum current rating shall not exceed 1 amp.
- The service temperature range must not exceed -60°C to +75°C.

EU Declaration of Attestation in accordance with European Directive 2014/34/EU
Manufacturer: Hawke International
Address: Oxford Street West, Ashton-under-Lyne, OL7 0NA, United Kingdom.

Equipment Type: HPB Terminals

Provisions of the Directive fulfilled by the Equipment:

Group II Category 2GD Exeb IIC Gb

Notified Body for EU-Type Examination: SGS-Baseefa 1180 Buxton UK

EU-type Examination Certificate: Baseefa08ATEX0266U

Notified Body for production: SGS-Baseefa 1180 Buxton UK

Harmonized Standards used: EN 60079-0:2012+A11:2013, EN60079-7:2015

On behalf of the above named company, I declare that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.


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A. Tindall
Technical Manager