

# Flat Terminal Connection



## CERTIFICATIONS



## FEATURES

Connects nVent ERIFLEX Flexibar or IBSB/IBSBR Power Braid to UD-250A/400A Single Pole Distribution Block

Provides direct link between blocks and switch or circuit breakers

Conforms to EN 45545 obtaining an HL3 classification for chapter R23 and HL2 classification for chapter R22

## SPECIFICATIONS

Table 1/1

| Catalog Number | Article Number | Hole Size (HS) | A     | B     | Unit Weight |
|----------------|----------------|----------------|-------|-------|-------------|
| FLG250         | 569160         | 10.8 mm        | 25 mm | 35 mm | 0.05 kg     |
| FLG400         | 569170         | 10.8 mm        | 30 mm | 40 mm | 0.1 kg      |

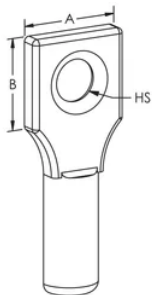
#### Design Guideline for Distribution Blocks, Power Blocks and Power Terminals

Derating according to Ambient\* Temperature (°C) to maintain working temperature of 85°C

| Ambient Temperature (°C) | 30° | 35° | 40° | 45°  | 50°  | 55°  | 60°  | 65°  | 70°  | 75°  |
|--------------------------|-----|-----|-----|------|------|------|------|------|------|------|
| Derating Coefficient (d) | 1   | 1   | 1   | 0.94 | 0.88 | 0.82 | 0.75 | 0.67 | 0.58 | 0.47 |

\*environment around the terminal blocks inside the enclosure

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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