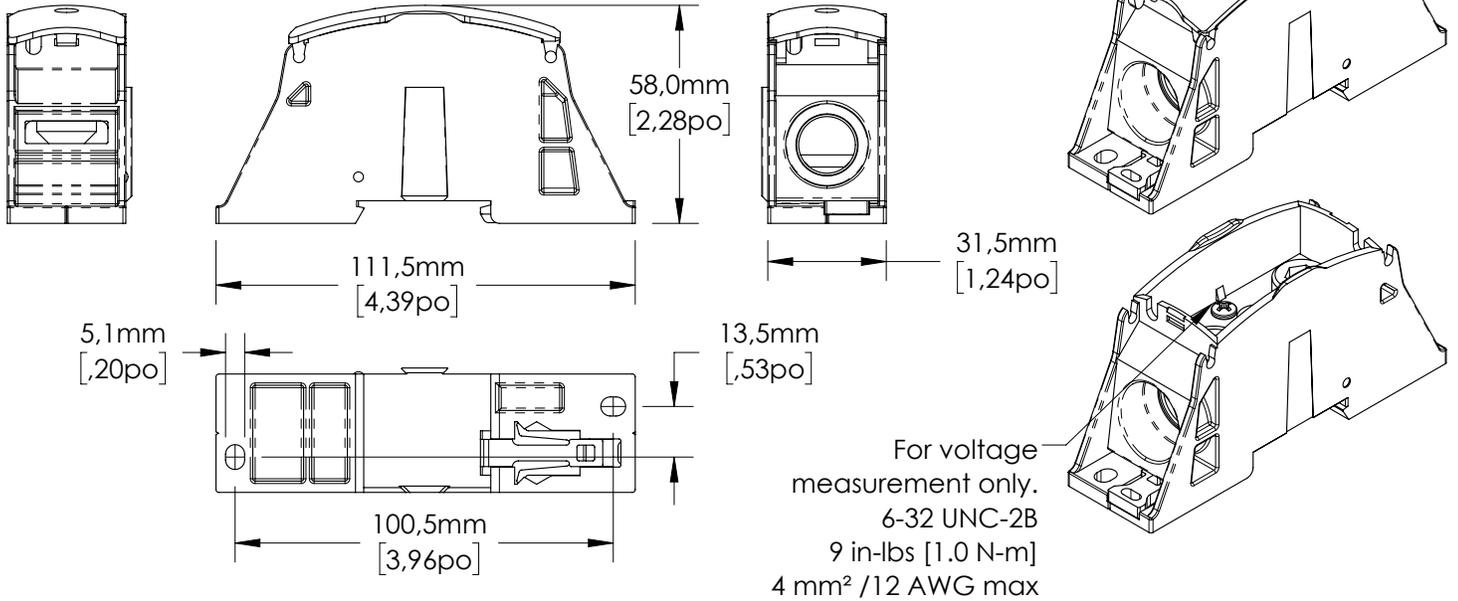


SBF250

561171



| IEC 60947-7-1 | | | | | | | |
|---------------|---------------|---------------------------------|---|---------|----------|--------------|------|
| | No. Terminals | Conductor | Size | Ø DIA | Torque | Strip Length | Hex |
| | 1 | ERIFLEX FLEXIBAR [ERIFLEX IBSB] | 2X20X1 to 5X20X1 [50 to 70 mm²] Hole size 8.5mm | N/A | 31.1 N-m | 29.2 mm | 8 mm |
| | 1 | | 35 mm² to 120 mm² | 15.1 mm | | 27.4 mm | |

The IBSB conductor must be pushed as far as possible into the housing

| UL 1953 (must use SB250SPCR to comply) | | | | | | | |
|--|---------------|---------------------------------|---|-------|------------|--------------|---------|
| | No. Terminals | Conductor | Size | Ø DIA | Torque | Strip Length | Hex |
| | 1 | ERIFLEX FLEXIBAR [ERIFLEX IBSB] | 2X20X1 to 5X20X1 [50 to 70 mm²] Hole size 8.5mm | N/A | 275 in-lbs | 1.15 in | 5/16 in |
| | 1 | High Strand, DLO* | 6 AWG to 250 kcmil | 0.594 | | 1.08 | |

SBF250 is UL 1059 Recognized when used without SB250SPCR. Voltage rating for UL 1059 applications is 1250 V AC/DC.

NOTE:

- *Refer to UL file E198301 for conditions of acceptance.
- For multiple phase assemblies, join blocks together before installing DIN profile.
- When mounted on DIN profile, end stops should be used on both ends of gangable blocks.
- For IEC, the cable must be secured within 15cm of the terminal.

WARNING:

- nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at www.nVent.com and from your nVent customer service representative.
- nVent products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
- All instructions must be **completely** followed to ensure proper and safe installation and performance.
- 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/or death, and void your warranty.

SAFETY INSTRUCTIONS:

All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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