

SBF630AL

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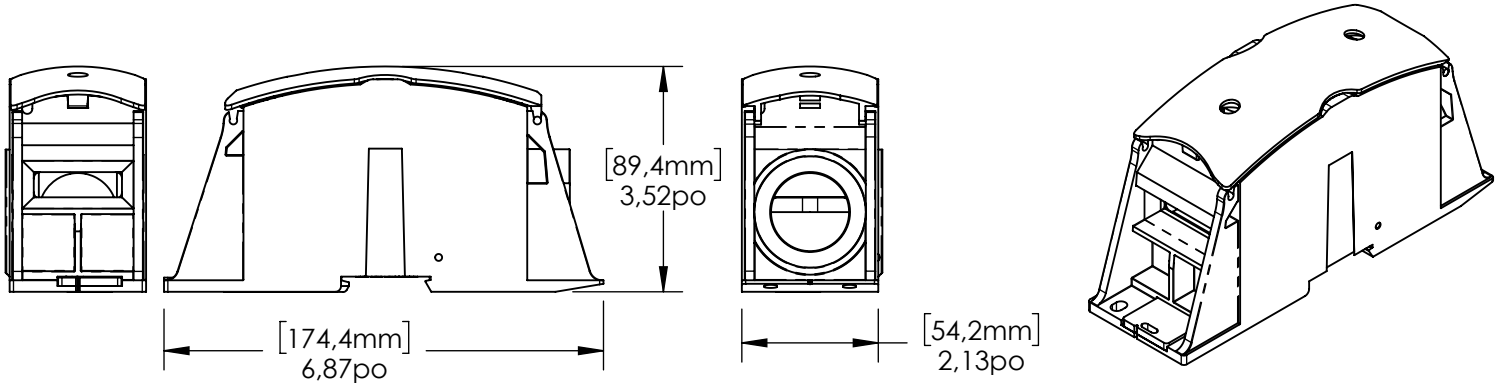


IEC 60947-7-1
750A IBSB; 760A FLEXIBAR®
1000 VAC/1500 VDC
U_{imp}=12kV
I_{pk}=51kA
I_{cw} kA rms 1s =60.0



UL® 1059
410A IBSB
490A FLEXIBAR®
1000V AC/DC
SCCR up to 100kA*

AL or CU Conductor
IP20
95% Fill Ratio
Halogen Free
UL 94 Flammability V-0

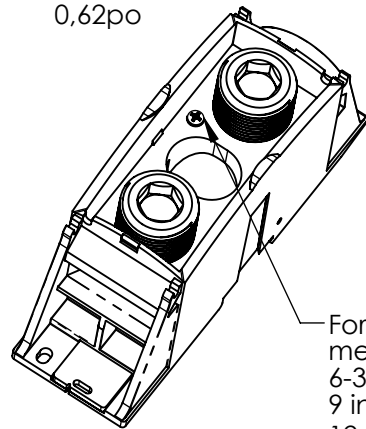


| IEC 60947-7-1 | | | | | | | |
|---------------|---------------|--------------------|--------------------------|--------|----------|--------------|------|
| | No. Terminals | Conductor | Size | Ø | Torque | Strip Length | Hex |
| | x1 | ERIFLEX® FLEXIBAR® | 2x20x1 to 8x32x1 | N/A | 13,5 N-m | 50,0mm | 10mm |
| | | IBSB/IBSBR | 100, 240 | | | | |
| | x1 | | 240...500mm ² | 31,0mm | 45,2 N-m | | |
| | | | | | | | |

Metric rigid stranded cable
 Metric flexible stranded cable

| UL 1059 | | | | | | | |
|---------|---------------|--------------------|-------------------------|---------|------------|--------------|--------|
| | No. Terminals | Conductor | Size | Ø | Torque | Strip Length | Hex |
| | x1 | ERIFLEX® FLEXIBAR® | 2x20x1 to 8x32x1 | N/A | 120 in-lbs | 1.97 in | 3/8 in |
| | | IBSB/IBSBR | 100, 240 | | | | |
| | x1 | | 400 kcmil... 1000 kcmil | 1.22 in | 400 in-lbs | | |
| | | | | | | | |

AWG stranded cable



NOTE:

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

WARNING:

1. 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.
2. 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.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. 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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