

8530/1 Series Miniature Circuit Breakers

THERMAL-MAGNETIC Ex MCBs to ANSI UL 489 & CSA C22.2 No.5

Ordering Information



2-Pole Ex MCB, 8530/1 Series		
Rated operational current	Catalog Number	SAP / Art. No.
6 A	8530/1-MCB-NAA102-C06-000-2	320180
10 A	8530/1-MCB-NAA102-C10-000-2	305876
15 A	8530/1-MCB-NAA102-C15-000-2	305877
20 A	8530/1-MCB-NAA102-C20-000-2	305878
25 A	8530/1-MCB-NAA102-C25-000-2	305879
30 A	8530/1-MCB-NAA102-C30-000-2	305880
35 A	8530/1-MCB-NAA102-C35-000-2	305931
40 A	8530/1-MCB-NAA102-C40-000-2	305932
60 A	8530/1-MCB-NAA102-C60-000-2	315507



3-Pole Ex MCB, 8530/1 Series		
Rated operational current	Catalog Number	SAP / Art. No.
10 A	8530/1-MCB-NAA103-C10-000-3	305933
15 A	8530/1-MCB-NAA103-C15-000-3	305934
20 A	8530/1-MCB-NAA103-C20-000-3	305935
25 A	8530/1-MCB-NAA103-C25-000-3	305936
30 A	8530/1-MCB-NAA103-C30-000-3	305937
35 A	8530/1-MCB-NAA103-C35-000-3	305938
40 A	8530/1-MCB-NAA103-C40-000-3	305939
50 A	8530/1-MCB-NAA103-C50-000-3	305940
60 A	8530/1-MCB-NAA103-C60-000-3	305941

Technical Data

Description	
Rated voltage	NEC® / CE Code: AC: 480Y with max. voltage of 277 V, 6 - 40 A AC: 240 V, 50 - 60 A DC: 48 V, 6 A - 60 A IECEX / ATEX: AC: 230 V, 6 - 60 A DC: 48 V, 6 - 60 A
Frequency	50/60 Hz
Rated interrupting capacity	10 kA
Terminal size	14 AWG - 4 AWG
Tightening torque lbf in	35.4 to 45.1 lbf-in



CLASSIFICATIONS

NEC®

Class I, Division 2, Groups A,B,C,D

Class I, Zone 1, AEx db eb IIC Gb

 FM19US0151U

Canadian Electrical Code

Ex db eb IIC Gb

Class I, Division 2, Groups A,B,C,D

 FM19CA0080U

ATEX

 II 2 G Ex db eb IIC Gb

FM19ATEX0191U

IECEX

Ex db eb IIC Gb

IECEX FMG 19.0029U

Ambient Temperature Range for the location of the equipment installation

-40°C ... +55°C

-40°F ... +131°F

Based on final installation

FEATURES

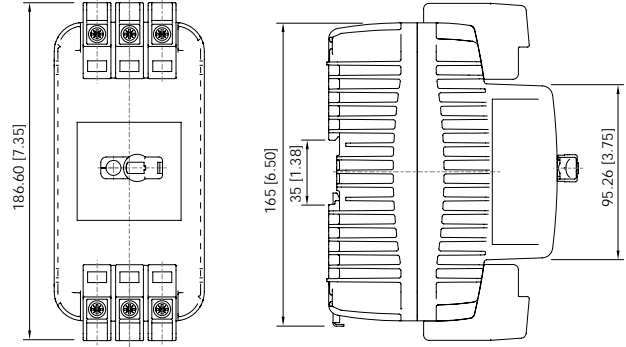
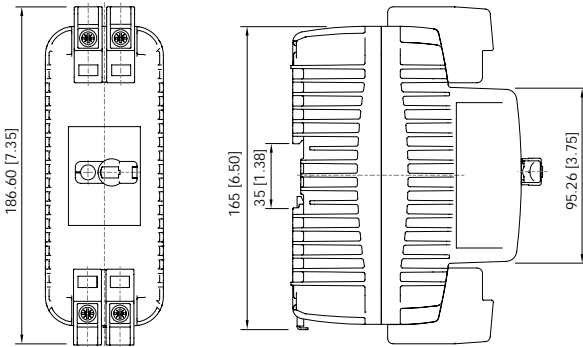
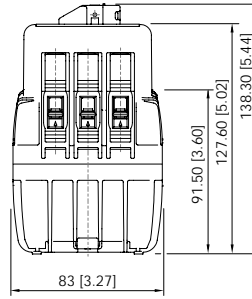
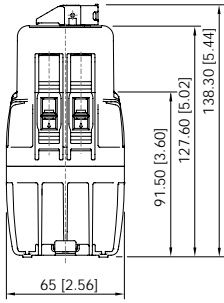
- Branch circuit protection to UL489 and isolation function in accordance with EN 60947-2
- DIN rail mounted
- Simple replacement or expansion of your system thanks to a modular design
- Designed to ANSI UL 489 / CSA-C22.2 No. 5 & IEC 60947-2
- Auxiliary contacts available and must be specified at time of order
- 1-pole version coming soon

APPLICATIONS

- Power distribution panelboards
- Motor starter
- Lighting panelboards

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Dimensions in Inches (mm)



8530/1 MCB 2-pole

8530/1 MCB 3-pole