

Cylinder Fuse Holders, 8 x 31 mm, 14 x 51 mm and 22 x 58 mm

Fuse Bases secure the fuses in place and insure proper electrical connections. Fuse Bases are available in one, two, three and four pole designs. Types 8x31 and 10x38 are easily DIN rail mounted; Types 14x51 and 22x58 can be DIN rail mounted or mounted to any flat surface. Cylinder Fuse Bases are available with optional blown fuse indication.

The main characteristics of fuse disconnectors are:

- UL recognized (8x31 and 14x51 mm only)
- Compliance with IEC 60947-1, IEC 60947-3
- Plastic parts are made of material resistant to high temperatures
- All contact surfaces are silver plated
- Mounting on standard DIN 35 mm rail (DIN EN60715).
- Available up to 4 pole
- For all sizes a version with electronic indicator is available.

The 8x31 fuse holders with indicator are built with a NEON lamp, which is constantly lit after the fuselink operates. The internal circuit resistance is 570k, thus it is necessary that the circuit be closed in order for the indicator to function. The operational voltage range is 100 V to 750 V AC.

The 14x51 and 22x58 fuse holders with indicator have a built in LED which blinks after the fuse-link operates. The internal circuit resistance is 2M, thus the total dissipation is minimal. The indicator is capable of operating in conditions of open circuit with minimum capacitance between connection cables. Operating voltage range spans from 50V to 690V AC and DC.



Terminal Width	1 pole: 1 pole + indicator: 1 pole + N: 2 pole: 2 pole + indicator: 3 pole: 3 pole + indicator 3 pole + N:	17.5 mm (0.69 in.) 17.5 mm (0.69 in.) 35 mm (1.38 in.) 35 mm (1.38 in.) 35 mm (1.38 in.) 52.5 mm (2.07 in.) 52.5 mm (2.07 in.) 70 mm (2.76 in.)	27 mm (1.07 in.) 27 mm (1.07 in.) 54 mm (2.15 in.) 54 mm (2.15 in.) 54 mm (2.15 in.) 81 mm (3.20 in.) 81 mm (3.20 in.) 108 mm (4.25 in.)	27 mm (1.07 in.) 27 mm (1.07 in.) 71 mm (2.80 in.) 71 mm (2.80 in.) 71 mm (2.80 in.) 107 mm (4.20 in.) 107 mm (4.20 in.) 142.5 mm (5.60 in.)
Height x Length		81 x 64.5 mm (3.20 x 2.40 in)	94 x 70 mm (3.70 x 2.76 in)	120.5 x 70 mm (4.73 x 2.76 in)
Insulation Material		Aculon®	Aculon®	Aculon®
Type of Connection		2 screw clamps	2 screw clamps	2 screw clamps
Wire Range	Minimum Max. Stranded Max. Solid	1 sq mm (18 AWG) 16 sq mm (6 AWG) 25 sq mm (4 AWG)	1 sq mm (18 AWG) 25 sq mm (4 AWG) 35 sq mm (2 AWG)	1.5 sq mm (16 AWG) 35 sq mm (2 AWG) 50 sq mm (1 AWG)
Rating		600V AC/DC / 30A	600V AC/DC / 50A	N/A
Rating		400V AC/DC / 20A	400V AC/DC / 50A 500V AC/DC / 32A 690V AC/DC / 25A	400V AC/DC / 125A 500V AC/DC / 100A 690V AC/DC / 80A
Torque		2-2.5 Nm / 31 lb-in	2.5 Nm / 22 lb-in	3 Nm / 26 lb-in

Type	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
1 pole:	CB831-1	12	CB1451-1	12	CB2258-1	3
1 pole + indicator:	CB831-1/I	12	CB1451-1/I	12	CB2258-1/I	3
1 pole + N:	CB831-1N	6	CB1451-1N	6	CB2258-1N	2
2 pole:	CB831-2	6	CB1451-2	6	CB2258-2	2
2 pole + indicator:	CB831-2/I	6	CB1451-2/I	6	CB2258-2/I	2
3 pole:	CB831-3	4	CB1451-3	4	CB2258-3	1
3 pole + indicator:	CB831-3/I	4	CB1451-3/I	4	CB2258-3/I	1
3 pole + N:	CB831-3N	3	CB1451-3N	3	CB2258-3N	1

Type of Fuse Used	8x32 mm		14x51 mm		22x58 mm	
Approvals**						
DIN Rail						
End Stop	CA702 CA802	50 50	CA702 CA802	50 50	CA702 CA802	50 50

* Fuses are sold separately.