

Fuse Holders, 10 x 38 mm and CC Type

The main characteristics of fuse disconnectors are:

- UL recognized (10x38mm)
- UL listed (CC Type)
- 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. There are two technical types of indicator:

L (LED) (10x38mm only) with built in LED diode 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.

I (NEON) (10x38mm only) with neon lamp, which is constantly lit after the fuse-link 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.

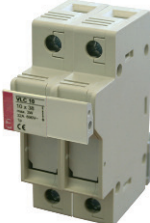
* Fuses are sold separately Altech, see pages 100-101.

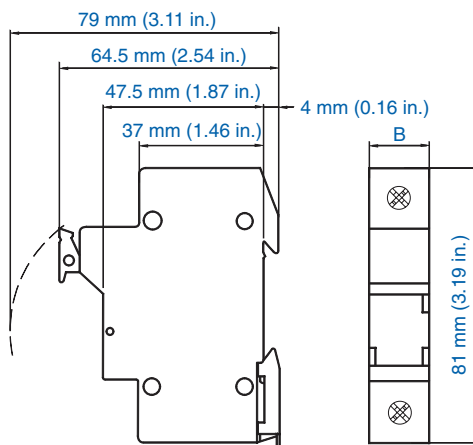
**1000V UL PV rating pending.

Cylindrical
10 x 38



CC Type

	1 POLE	2 POLE	3 POLE
			
Terminal Width (B)	17.5 mm	35 mm	52.5 mm
Height x Length	81 x 64.5 mm	81 x 64.5 mm	81 x 64.5 mm
Stripping Length	11 mm	11 mm	11 mm
Insulation Material	Aculon ®	Aculon ®	Aculon ®
Type of Connection	2 screw clamps	2 screw clamps	2 screw clamps
Wire Range	1.5-25sq.mm / 24-4 AWG	1.5-25sq.mm / 24-4 AWG	1.5-25sq.mm / 24-4 AWG
 Rating	690 V / 32A	690 V / 32A	690 V / 32A
 Rating	600 V AC/DC / 30A	600 V AC/DC / 30A	600 V AC/DC / 30A
Torque	2-2.5 Nm / 31 lb-in	2-2.5 Nm / 31 lb-in	2-2.5 Nm / 31 lb-in
Cylindrical 10x38			
Indicator:			
None	CB1038-1	CB1038-2	CB1038-3
LED	CB1038-1/L	CB1038-2/L	CB1038-3/L
Neon	CB1038-1/I	CB1038-2/I	CB1038-3/I
Type of Fuse Used	Ø10 x 38 mm	Ø10 x 38 mm	Ø10 x 38 mm
Approvals**	 	 	 
CC Type Holder			
Type of Fuse Used	CC Type	CC Type	CC Type
Approvals	 	 	 
DIN Rail for ordering information refer to pages 90-91			
End Stop for ordering information refer to page 92	CA702 CA802	CA702 CA802	CA702 CA802
	50 50	50 50	50 50



Dimension for B:

1 Pole	17.5mm
1 Pole + Neutral	35mm
2 Pole	35mm
3 Pole	52.5mm
3 Pole + Neutral	70mm

Cylinder Fuse Holders, 8 x 32 mm, 14 x 51 mm and 22 x 58 mm

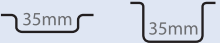
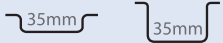
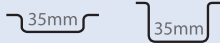
Fuse Bases secure the fuses in place and insure proper electrical connections. Fuse Bases are available in one, two, three and four pole designs. Types 8x32 and 10x38 are easily DIN rail mounted; Types 14x51 and 22x58 can be DIN rail mounted or mounted to any flat surface. Cylinder Fuse Bases are available with optional blown fuse indication.

The main characteristics of fuse disconnectors are:

- UL recognized (8x32 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 8x32 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.

	8 x 32		14 x 51		22 x 58	
						
Terminal Width	1 pole: 17.5 mm (0.69 in.) 1 pole + indicator: 17.5 mm (0.69 in.) 1 pole + N: 35 mm (1.38 in.) 2 pole: 35 mm (1.38 in.) 2 pole + indicator: 35 mm (1.38 in.) 3 pole: 52.5 mm (2.07 in.) 3 pole + indicator: 52.5 mm (2.07 in.) 3 pole + N: 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 1 sq mm (18 AWG) Max. Stranded 16 sq mm (6 AWG) Max. Solid 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.