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TECHNOLOGY GROUP

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10 × 38, 14 × 51, 22 × 58 CH Series



Features:

- 10 ≈ 38 Dovetail design provides maximum flexibility in assembling multiple poles
- Touchsafe design - No exposed contacts
- DIN rail mount (35mm)
- Optional open fuse indication lights
- Excellent for switchboard panel, control consoles, small motors, transformers, and similar applications
- Handle/fusepuller to install and remove fuses easily
- Available in single and multi-pole configurations
- Circuit marking system (P/N CH10CL and CH10CM)
- Wire ready: Saves time as terminals are ready to accept wires.
- CE marking

Standards:

North American 10 × 38 Class CC
Listed U.L. 512, Guide IZLT, File E14853
Certified CSA Std. C22.2 No. 39, Class 6225-01, File LR47235

North American 10 × 38 Midget
U.L. Recognized 512, Guide IZLT2, File E14853
CSA Certified, Std. C22.2 No. 39, Class 6225-01, File LR47235

European 10 × 38 IEC 269-2-1
14 × 51 IEC 269-2***
U.L. Recognized, CSA Certified
22 × 58 IEC 269-2***
U.L. Recognized, CSA Certified

Recommended Buss® Fuse Types:

10ç≈ 38 North American Class CC Fuses - LP-CC, FNQ-R, KTK-R
10 ≈ 38 North American Midget Fuses - FNQ, KTK, AGU, KLM, BAF, BAN, FNM, FWA, FWC, & FNQ
14 ≈ 51 Fuses - FWX, FWH, FWP & NON
22 ≈ 58 Fuses - FWP

OBSOLETE - 09/08
Please see data sheet 2053
for recommended replacement

Specifications

Fuse Size (mm)		10 × 38	14 × 51	22 × 56
Voltage	U.L./CSA***	600V	750V***	750V***
	IEC	690V	660V	660V
Amperage	U.L./CSA***	30A	30A***	50A***
	IEC	32A	50A(See Watts Loss)	125A(See Watts Loss)
Wire Size		#8 - #18 Cu only	#6 - #14 Cu only	#1 - #14 Cu only
Wire Type (& Temp.)		Solid/Stranded (75°)	Solid/Stranded (75°)	Solid/Stranded (75°)
Torque (in-lbs)		12 in-lbs	17.7 in-lbs	22.1 in-lbs
IP Rating		IP 20	IP 20	IP 20
Contact Material (fuseclip)		Tin-plated copper	Tin-plated copper	Tin-plated copper
Connector Material		Steel	Steel	Steel
Maximum Watts Loss of Fuse		3W‡	5W‡	9.5W‡
Dual Wire Rating		Please consult factory		

10 × 38	30A, 600V	30A, 600V	32A, 690V
Description	North American Class CC Fuseholder	North American Midget Fuseholder	European 10 ≈ 38 Fuseholder
1 Pole	CHCC1	CHM1	CH101
1 Pole w/Indication	CHCC1I	CHM1I	CH101I
2 Pole	CHCC2	CHM2	CH102
2 Pole w/Indication	CHCC2I	CHM2I	CH102I
3 Pole	CHCC3	CHM3	CH103
3 Pole w/Indication	CHCC3I	CHM3I	CH103I
*Assembly Pins - 2 Poles	CH102AP	CH102AP	CH102AP
*Assembly Pins - 3 Poles	CH103AP	CH103AP	CH103AP
**Circuit markers	CH10CM	CH10CM	CH10CM
**Circuit marker labels	CH10CL	CH10CL	CH10CL
Spare Fuseholder	5TPH	5TPH	5TPH

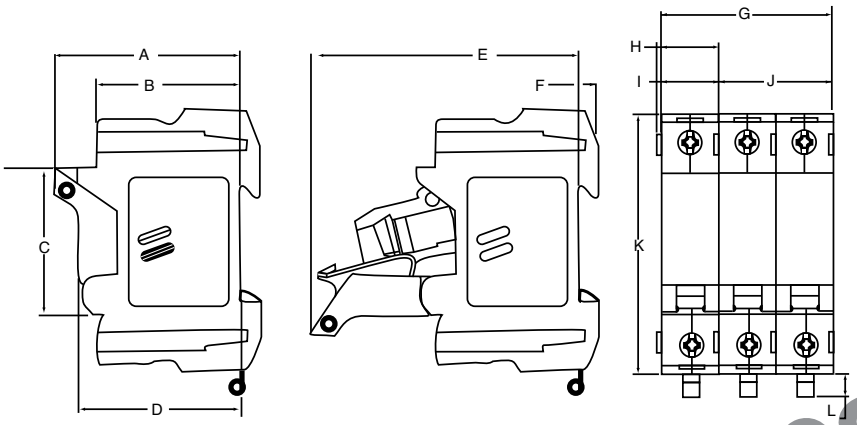
‡Refer to BIF documents 720003, 720008, 720025 and 720028 for watts loss of applicable fuses.
*CH102AP and CH103AP are packaged in quantities of ten pins. One pin is required to gang units together, and rating multiple poles.
**CH10CM are packaged in quantities of ten. CH10CL are packaged in quantities of ten sheets of labels.
***U.L./CSA part numbers include U.L. suffix.

	14 × 51		22 × 58	
Description	Part No.	Ctn. Qty.	Part No.	Ctn. Qty.
1 Pole	CH141G	6	CH221G	6
1 Pole w/U.L. markings	CH141GUL	6	CH221GUL	6
1 Pole w/microswitch	CH141MSG	6	CH221MSG	6
2 Pole	CH142G	3	CH222G	3
3 Pole	CH143G	2	CH223G	2
3 Pole w/U.L. markings	CH143GUL	2	CH223GUL	2
3 Pole w/microswitch	CH143MSG	2	CH223MSG	2
Handle Profile - 2 Poles	CH142HCG	10	CH222HCG	10
Handle Profile - 3 Poles	CH143HCG	10	CH223HCG	10

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 Vac, 75-1500 Vdc). Refer to BIF document #8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

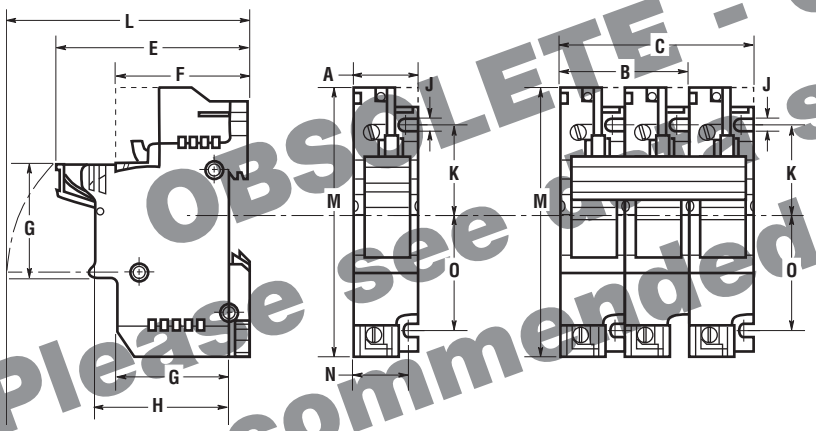
10 × 38, 14 × 51, 22 × 58 CH Series

Size: 10 × 38 Fuseholder



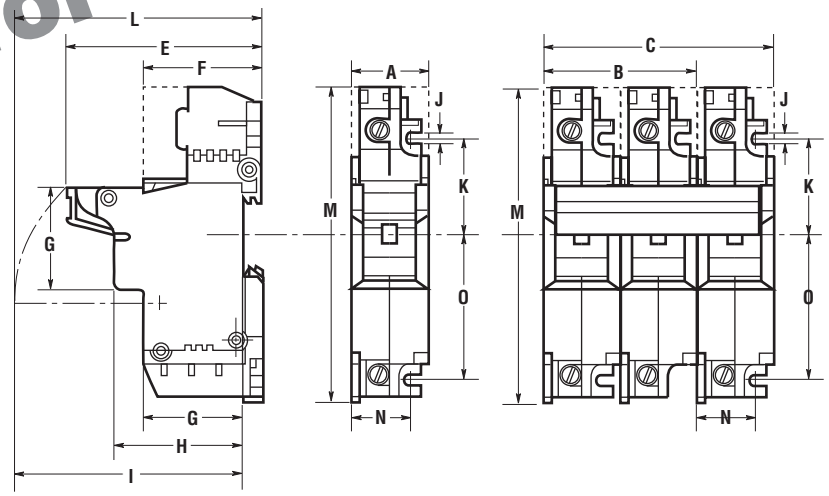
	in	(mm)		in	(mm)
A	2.26	(57.5)	**G**	2.07	(52.5)
B	1.73	(44.0)	**H**	0.75	(19.0)
C	1.78	(45.2)	**I**	0.69	(17.5)
D	1.97	(49.9)	**J**	1.38	(35.0)
E	3.24	(82.2)	**K**	3.18	(80.7)
F	0.24	(6.0)	**L**	0.30	(7.6)

Size: 14 × 51 Fuseholder



	in	(mm)		in	(mm)
A	0.98	(26.0)	**I**	3.50	(89.0)
B	2.05	(52.0)	**J**	0.20	(5.0)
C	3.07	(78.0)	**K**	1.28	(32.5)
E	3.19	(81.0)	**L**	3.86	(98.0)
F	2.11	(53.5)	**M**	4.17	(106.0)
G	1.75	(44.5)	**N**	0.83	(21.0)
H	2.07	(52.6)	**O**	1.72	(43.8)

Size: 22 × 58 Fuseholder



	in	(mm)		in	(mm)
A	1.38	(35.0)	**I**	4.06	(103.0)
B	2.76	(70.0)	**J**	0.18	(4.5)
C	4.13	(105.0)	**K**	1.77	(45.0)
E	3.46	(88.0)	**L**	4.41	(112.0)
F	2.09	(53.0)	**M**	5.51	(140.0)
G	1.77	(45.0)	**N**	1.04	(26.5)
H	2.28	(58.0)	**O**	2.48	(63.0)

OBSOLETE - 09/09.
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