14x51mm Modular Fuse Holder

RoHS

Description: Compact DIN-Rail mount fuse holders for 14x51mm cylindrical fuse links. Available in different versions with fuse indicator, neutral and microswitch.
CH14B-PV models for use with solar gPV fuse links available in 1 and 2-pole versions

Packaging: 1-pole: 6 per pack
2-pole: 3 per pack
3-pole: 2 per pack
4-pole: 1 per pack

Catalogue Symbol:
CH14(# of poles)**B**: standard fuse holder
CH141**BNX:** neutral fuse holder
CH14(# of poles)**BN**: standard fuse holder and neutral
CH14(# of poles)**BI**: fuse holder with neon indicator
CH14(# of poles)**BNI**: fuse holder with neutral and neon indicator
CH14(# of poles)**BMS-F**: fuse holder with microswitch (pre-breaking/fuse operation/presence)
CH14(# of poles)**BNMS-F**: fuse holder with neutral and microswitch (pre-breaking/fuse operation/presence)
CH14(# of poles)**BMS**: fuse holder with microswitch (fuse operation)
CH143**BNMS**: 3-pole and neutral with microswitch (fuse operation)
CH14(# of poles)**B-PV:** photovoltaic fuse holder

Technical Data:
Number of Poles: 1 to 4

Rated Voltage	IEC	UL
CH14B Series	690Vac	750Vac
CH14B-PV Series	1500Vdc	N/A

Rated Current	IEC	UL
CH14B Series	50A	50A
CH14B-PV Series	32A	N/A

Rated Power Acceptance: 5W
Maximum Power Acceptance: 6W
Utilisation Category: 50A at AC-21B 690V/AC-22B 500V
Pollution Degree: 3
Protection Index: IP20
Rated Insulation Voltage: 8kV U_{imp}
SCCR Rating: 200kA, 33kAdc for CH14B-PV

Terminal Size: 1.5-35mm² /16-3 AWG solid cable, Cu only
1.5-25mm² / 16-4 AWG stranded cable, Cu only
Service Temperature: -20ºC to 70ºC
Storage Temperature: -40ºC to 80ºC

Compatible Fuse Links:
C14G and C14M 14x51mm fuse links
PV-(amp rating)A14F Photovoltaic gPV fuse links
FW ferrule fuse links, see table below

Part Number	Maximum Continuous Fuse Current	Part Number*	Maximum Continuous Fuse Current
FWH-5A14F	5A	FWP-5A14F	5A
FWH-10A14F	10A	FWP-10A14F	10A
FWH-15A14F	14A	FWP-15A14F	14A
FWH-20A14F	18A	FWP-20A14F	18A
FWH-25A14F	21A	FWP-25A14F	21A
FWH-30A14F	22A	FWP-30A14F	22A
FWX-5A14F	5A	FWP-32A14F	27A
FWX-10A14F	10A	FWP-40A14F	32A
FWX-15A14F	15A	FWP-50A14F	38A
FWX-20A14F	20A		
FWX-25A14F	24A		
FWX-30A14F	27A		

*Please contact Cooper Bussmann Application Engineers if you wish to use a FWP fuse link with a striker option.

Standards/Certifications:
- IEC 60269-1, 60269-2, 60947-1, 60947-3
- UL4248-1 Fuse Holders, UL 486A-B Wiring Terminals
- CSA C22.2 No 4248.1 Fuse Holders, C22.2 No 65 Wiring Terminals
- c**UL**us UL File: E14853

Environmental
- RoHS compliant

Features
- Silver-plated copper contacts
- Engineered polymer enables greater performance with melting temperature in excess of 300°C
- Ventilation zones optimized for a better heat dissipation
- Accessory to isolate the fuse holder via a padlock
- IP20 security accessory to improve protection
- Label holder for easy circuit identification
- PV version rated at 1500Vdc (IEC only) for use with gPV fuse links

Part Numbers System

Old Part Number	New Part Number	Number of Poles	Description
Neutral Only			
CH141DNX	CH141BNX	1	Neutral cylindrical fuse holder
Fuse Holder Only			
CH141D	CH141B	1	1-pole cylindrical fuse holder
CH142D	CH142B	2	2-pole cylindrical fuse holder
CH143D	CH143B	3	3-pole cylindrical fuse holder
CH144D	CH144B	4	4-pole cylindrical fuse holder
Fuse Holder and Neutral			
CH141DN	CH141BN	2	1-pole + neutral cylindrical fuse holder
CH143DN	CH143DN	4	3-pole + neutral cylindrical fuse holder
Fuse Holder with Neon Indicator			
CH141DI	CH141BI	1	1-pole cylindrical fuse holder with neon indicator
CH142DI	CH142BI	2	2-pole cylindrical fuse holder with neon indicator
CH143DI	CH143BI	3	3-pole cylindrical fuse holder with neon indicator
CH144DI	CH144BI	4	4-pole cylindrical fuse holder with neon indicator
Fuse Holder with Neon Indicator and Neutral			
CH141DNI	CH141BNI	2	1-pole + neutral cylindrical fuse holder with neon indicator
CH143DNI	CH143BNI	4	3-pole + neutral cylindrical fuse holder with neon indicator
Fuse Holder with Microswitch			
CH141DMS	CH141BMS	1	1-pole cylindrical fuse holder with microswitch (fuse operation)
CH141DMS-F	CH141BMS-F	1	1-pole cylindrical fuse holder with microswitch (pre-breaking/fuse operation/presence)
CH143DMS	CH143BMS	3	3-pole cylindrical fuse holder with microswitch (fuse operation)
CH143DMS-F	CH143BMS-F	3	3-pole cylindrical fuse holder with microswitch (pre-breaking/fuse operation/presence)
Fuse Holder with Microswitch and Neutral			
CH143DNMS-F	CH143BNMS-F	4	3-pole + neutral cylindrical fuse holder with microswitch (pre-breaking/fuse operation/presence)
CH143DNMS	CH143DNMS	4	3-pole + neutral cylindrical fuse holder with microswitch (fuse operation)

Accessories

Part Number	Description	Unit Packing
AL-D	Multi-pole ganging clips, one kit will gang up to 4-poles together	12
CH14-HP	Multi-pole handle pins, one kit will gang up to 12 handles together	12
CH14-L	Lockout padlock support, it will accept up to 5mm diameter padlock shank	5
CH14-IP20	IP20 protection accessory, provides IP20 protection to terminals with 10mm^2 or less cable	12
CH14-MS1	1-pole microswitch accessory, provides detection of a blown fuse link	5
CH14-MS3	3-pole microswitch accessory, provides detection of a blown fuse link	3

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Dimensions (mm)