

Catalogue Symbol

- CH221**DNXU**: neutral fuse holder
- CH22(# of poles)**DU**: standard fuse holder
- CH22(# of poles)**DIU**: fuse holder with neon indicator
- CH221(# of poles)**DNU**: standard fuse holder and neutral
- CH221(# of poles)**DNIU**: standard fuse holder and neutral and neon indicator
- CH221(# of poles)**DMSU-F**: fuse holder with microswitch (pre-breaking/fuse operation)
- CH221(# of poles)**DNMSU-F**: fuse holder with neutral and microswitch (pre-breaking/fuse operation)
- CH221DI-**48U**: fuse holder with LED indicator

Compatible fuse links

- C22G and C22M: 22 x 58 mm gG and gM fuse links
- FWP-A22F, see maximum continuous fuse current below

Table 1. FWP Ferrule fuse links

Catalogue number	Maximum continuous fuse current
FWP-20A22F	20 A
FWP-25A22F	25 A
FWP-32A22F	32 A
FWP-40A22F	38 A
FWP-50A22F	44 A
FWP-63A22F	55 A
FWP-80A22F	73 A
FWP-100A22F	86 A

Technical data

- Number of poles: 1 to 4
- Rated voltage
 - IEC: CH22DU Series 690 V a.c. / 1000 V d.c.
 - UL: 700 V a.c.
- Rated current
 - IEC: CH22DU Series 125 A (a.c. and d.c.)
 - UL: 100 A (a.c.)
- SCCR: 120 kA (a.c.) / 50 kA (d.c.)
- Microswitch (IEC): 250 V a.c. / 5 A
- Rated power acceptance: 9.5 W to IEC 60269-2
- Protection index: IP20 Finger-safe
- Rated impulse withstand voltage (Uimp): 6 kV
- Cable size (Copper only): 2.5 mm² - 70 mm²
- Torque settings:
 - Recommended torque setting 4 N•m
 - Maximum torque setting: 5 N•m
- Mounting: 35mm DIN-Rail or 2 x M4 Panel mounting screws
- Self-extinguishable UL 94-V0 rated polyester material
- Storage & operating temperature range
 - Storage temperature -40°C to +80°C
 - Operating temperature -20°C to +70°C
- RoHS compliant.

Standards/Approvals

- IEC 60269-1 and 60269-2
- UL listed file number E14853
- CCC

Packaging

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

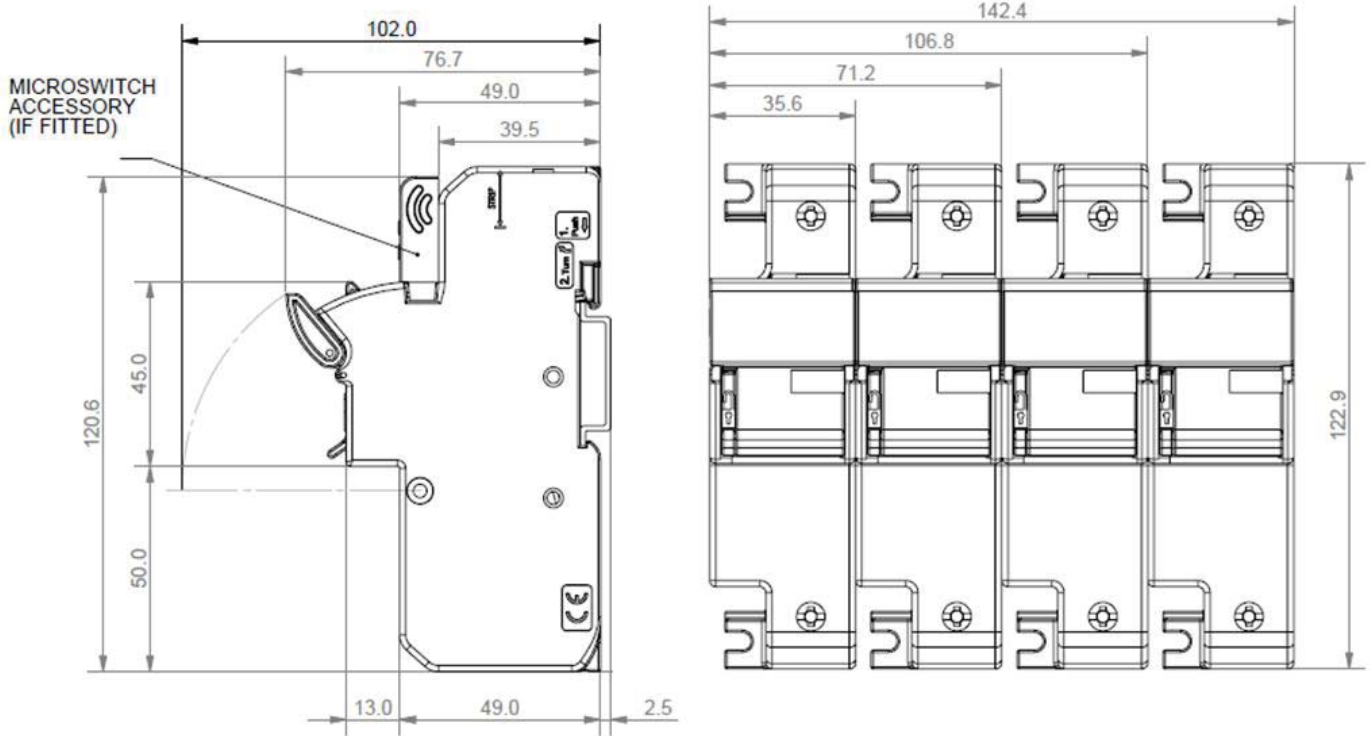
Table 2. Technical Data

Old part number	New part number	Number of poles	Description
Neutral only			
CH221BNX	CH221DNXU	1	Neutral holder
Fuse holder only			
CH221B	CH221DU	1	1-pole fuse holder
CH222B	CH222DU	2	2-pole fuse holder
CH223B	CH223DU	3	3-pole fuse holder
CH224B	CH224DU	4	4-pole fuse holder
Fuse holder with neon indicator			
N/A	CH221DIU	1	1-pole fuse holder with neon indicator
N/A	CH222DIU	2	2-pole fuse holder with neon indicator
N/A	CH223DIU	3	3-pole fuse holder with neon indicator
N/A	CH224DIU	4	4-pole fuse holder with neon indicator
Fuse holder and neutral			
CH221BN	CH221DNU	2	1-pole + neutral fuse holder
CH223BN	CH223DNU	4	3-pole + neutral fuse holder
Fuse holder and neutral and neon indicator			
N/A	CH221DNIU	2	1-pole + neutral fuse holder + neon indicator
N/A	CH223DNIU	4	3-pole + neutral fuse holder + neon indicator
Fuse holder with microswitch			
CH221BMS	CH221DMSU-F	1	1-pole fuse holder with microswitch (pre-breaking/fuse operation)
CH223BMS	CH223DMSU-F	3	3-pole fuse holder with microswitch (pre-breaking/fuse operation)
Fuse holder with neutral and microswitch			
CH223BNMS	CH223DNMSU-F	3	3-pole cylindrical fuse holder + neutral + microswitch (pre-breaking/fuse operation)
Fuse holder with LED Indicator			
N/A	CH221DI-48U	1	1-pole fuse holder with LED Indicator

Table 3. Accessories

Part number	Description	Unit packing
JV-L	Multi-pole connector kit. One kit will gang up to 4-poles together	12
CH22-CTP	IP20 protection accessory, provides IP20 protection to terminals with 10mm ² or less cable	12
CH22-SPS	Microswitch to work on CH221D(I)U , 1 n/o + 1 n/c changeover type	3
CH22-TPS	Microswitch to work on CH223D(I)U , 1 n/o + 1 n/c changeover type	3

Dimensional data - mm



Changes to the products, to the information contained in this document, and to prices are reserved; so are errors and omissions. Only order confirmations and technical documentation by Eaton is binding. Photos and pictures also do not warrant a specific layout or functionality. Their use in whatever form is subject to prior approval by Eaton. The same applies to Trademarks (especially Eaton, Moeller, and Cutler-Hammer). The Terms and Conditions of Eaton apply, as referenced on Eaton Internet pages and Eaton order confirmations.

Eaton
 EMEA Headquarters
 Route de la Longeraie 7
 1110 Morges, Switzerland
 Eaton.eu

© 2016 Eaton
 All Rights Reserved
 Publication No. 10115
 September 2016