Bussmann series 22 x 58 mm Modular fuse holders



Product description

Eaton's Bussmann series 22 x 58 mm modular fuse holders are suitable for use with standard cylindrical fuse links and FW type ferrule fuse links.

Their compact dimensions helps reduce space, allows for higher cable bending radius. Low watts loss and wide range of accessories make them ideally suited for most industrial applications.

Standard features

- Compact dimensions
- Ventilation zones optimised for a better heat dissipation
- Inbuilt padlocking facility
- IP20 degree of protection (see page 2)
- Flexiblity to mount on DIN Rail and/or screw mounting
- Toolless DIN-Rail mounting, improves ease of use and reduces installation time and costs

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 mm^2 - 70 mm^2
- 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

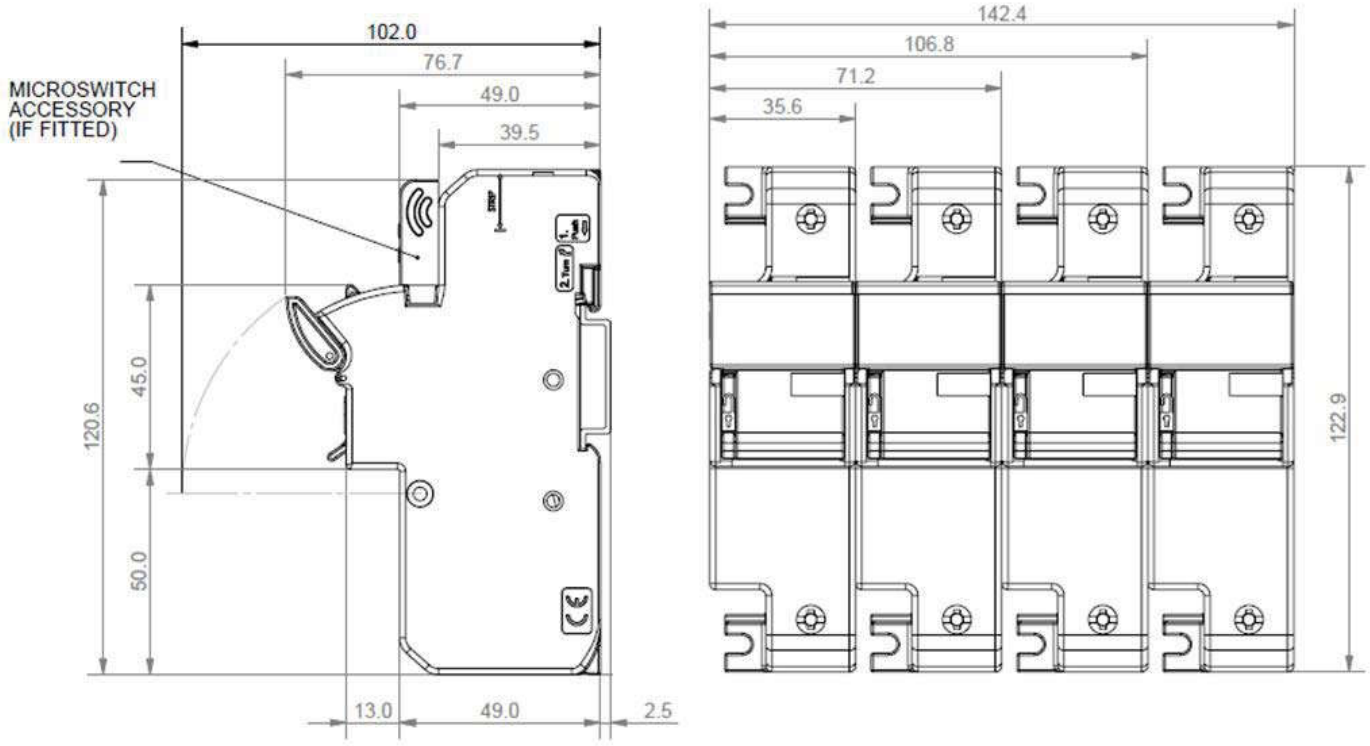
Table 2. Technical Data

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



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