

Modulostar® USBCC

Modular Fuse-Holders for Fuse-Links Class CC

FUSE HOLDERS, FUSE BASES AND SUPPORTS

UL/CSA FUSE HOLDERS



The innovative and comprehensive Modulostar® range of Mersen fuse-holders.

Modular fuse-holders are finger-safe under IEC standards to an IP20 grade of protection, including fuse changing (with the flick of a finger). Modular fuse-holders USBCC are available in 1, 2, 3 or 4 poles, with or without visual blown fuse indicator.

Multi-pole units can also be field assembled by ordering pin-ties assembly kit.

Modulostar® range is made of tough and durable thermoplastic material.

They are especially recommended to be used in combination with Mersen fuse-links class CC, type: ATDR, ATMR and ATQR.

TECHNICAL DATA OVERVIEW

Voltage AC	600 VAC
Amper (A)	30 A
SCCR	200kA AC
Mounting	Installation on to DIN rails to EN 60715
Number of Poles	1-pole, 2-poles, 3-poles, 4-poles, 1+N, 3+N

FEATURES & BENEFITS

- Finger safe
- Degree of protection: IP20
- Optional visual blown fuse indicator
- DIN rail mounting
- Modular design
- Multi-pole assembly kit available
- Sealable in closed and open position
- Plastic material UL94V2
- Flame retardant materials with glow wire flammability index to 960°C

APPLICATIONS

- All circuits up to 600V for protection of motors, transformers, low voltage distribution, control circuits, drive protection
- Non-load operation

STANDARDS

- UL listed UL4248, guide IZL T2, file E52283
- CSA Certified C22.2, class 6225, file 32169
- RoHS Compliant



MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

PRODUCT RANGE



USBCC1

USBCC without indicator

Catalog number	Reference number	Number of poles/ phases	Design	Weight	Package
USBCC1	H305033	1	USBCC single pole	70 g	12
USBCC1N	J305034	1 + N	USBCC single pole + neutral conductor	125 g	6
USBCC2	K305035	2	USBCC double pole	120 g	6
USBCC3	L305036	3	USBCC triple pole	200 g	4
USBCC3N	M305037	3 + N	USBCC triple pole + neutral conductor	250 g	3
USBCC4	N305038	4	USBCC quadruple pole	200 g	3



USBCC1I

USBCC with indicator

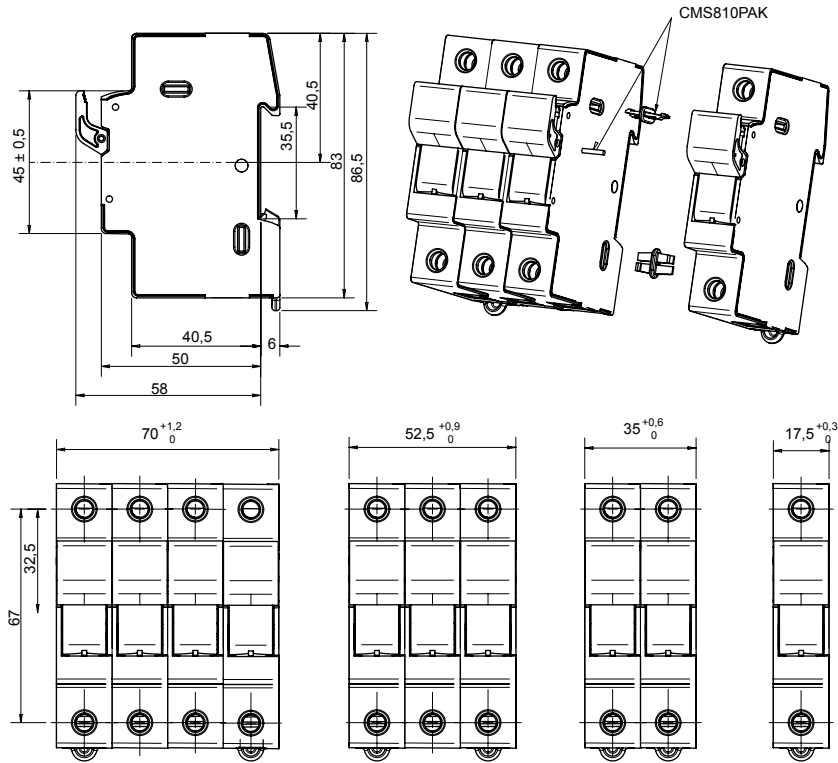
Catalog number	Reference number	Number of poles/ phases	Design	Weight	Package
USBCC1I	P305039	1	USBCC single pole	70 g	12
USBCC1NI	Q305040	1 + N	USBCC single pole + neutral conductor	125 g	6
USBCC2I	R305041	2	USBCC double pole	125 g	6
USBCC3I	S305042	3	USBCC triple pole	200 g	4
USBCC3NI	T305043	3 + N	USBCC triple pole + neutral conductor	250 g	3
USBCC4I	V305044	4	USBCC quadruple pole	240 g	3

TECHNICAL DATA

	USBCC without indicator	USBCC1 with indicator
Size	Class CC fuse-links	Class CC fuse-links
Number of poles/phases	1, 1+N, 2, 3, 3+N, 4	1, 1+N, 2, 3, 3+N, 4
Conventional free air thermal current with fuse links I_{th}	30 A	30 A
Rated insulation voltage U_i	600 V	600 V
Degree of protection	IP 20	IP 20
Voltage limit for blown fuse indicator	-	230 to 690V AC/DC
Indication System	without indicator	with indicator
Connection	screws rigid wire 1-16mm ² (16-6 AWG), multistranded wire 0.75-10mm ² (18-8 AWG), M = 2.2 Nm (19lb-in) PZ2 or flat 5.5x1mm screw driver recom- mended	screws rigid wire 1-16mm ² (16-6 AWG), multistranded wire 0.75-10mm ² (18-8 AWG), M = 2.2 Nm (19lb-in) PZ2 or flat 5.5x1mm screw driver recom- mended
Operating temperature	-25C to 60°C	-25C to 60°C
Storage temperature	-25C to 80°C	-25C to 80°C

DIMENSIONS

UltraSafe™ USBCC fuse-holders for cylindrical fuse-links class CC (122636B)



Dimensions in mm

ACCESSORIES



CMS810PAK + fuse-holder

Kit for multi phase connection

Catalog number	Reference number	Description	Weight	Package
CMS810PAK	Z233725	Links for connection of multipole units	0.5 g	12



TAGLOCKCMS810

LOCK

Locking devices

Catalog number	Reference number	Description	Weight	Package
TAGLOCKCMS810	A235773	Locking kit (Tag and lockout)	9 g	1
LOCK	M223525	Padlock	0.475 kg	1