

Connector Unit

CUBC



Technical Data	Unit	C-Line		B - Line		
Nominal current	A	200	250	250	315	400
Rated current	A	250	285	315	380	450
Rated voltage	V	1'000				
Rated frequency	Hz	50 / 60				
Withstand voltage (1 Min / 50 Hz)	V	4'000				
Protection grade		IP 55				
Shock resistance		IK 07				
Ambient temperature	°C	-40 / +70				
Insulation resistance (phase to phase and phase-to earth)	MOhm	> 500				
Comparative tracking index of the insert	CTI	> 600				
Weight 4 poles (3L+PEN)	kg	25.1		45.6		
Weight 5 poles (3L+N+PE)	kg	25.3		47.1		
Connection bolts for cable shoes		M8		M10		
Max.cross section pilot cable, conductor (EN 60228 Class 1)	mm ²	4				
Diameter of cable						
- normal	mm	20 - 70				
other diameters on request						

Technical modifications reserved

Structure

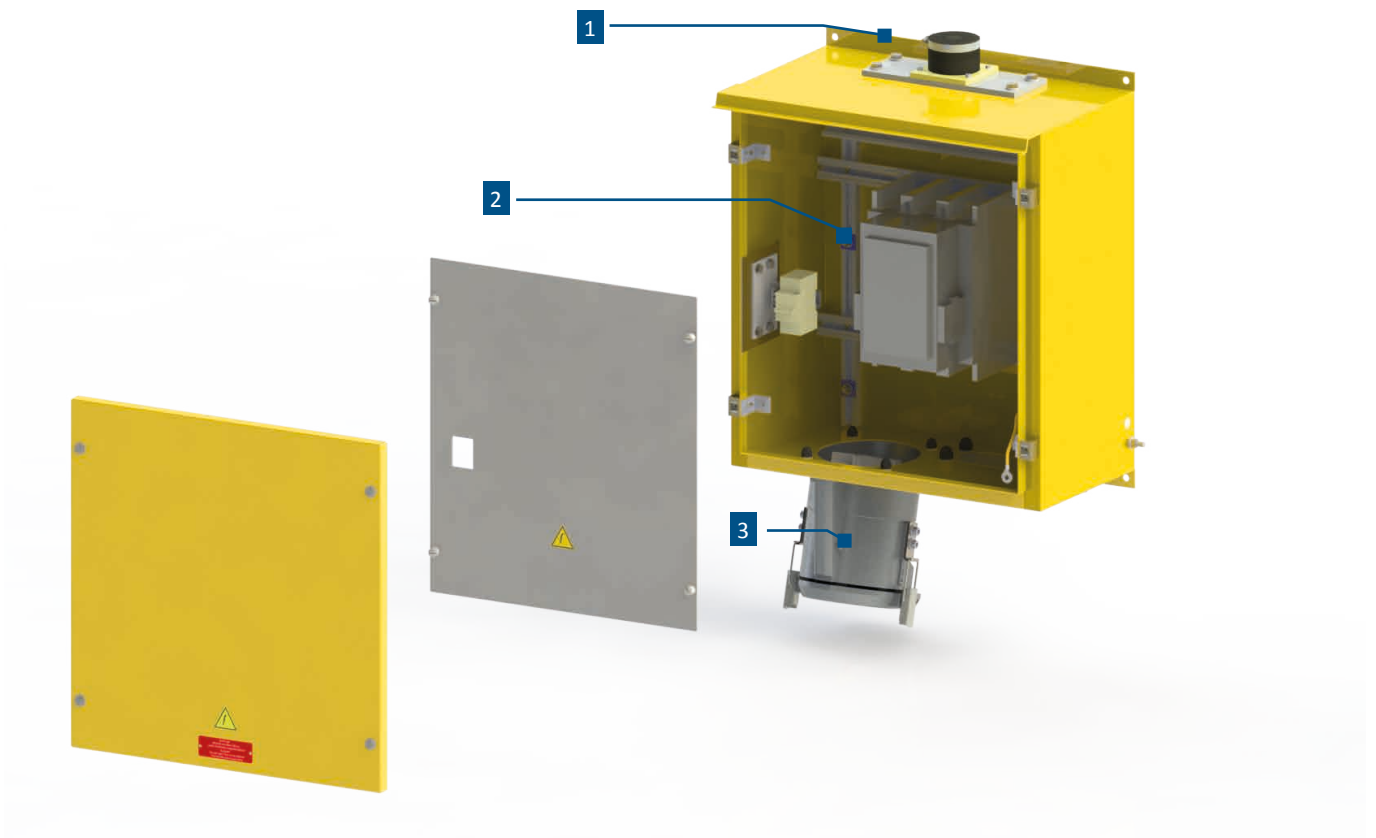
Locking system

A contactor is installed in the CUBC connector unit. During every plug-in operation, the standardly installed pilot contacts in the connector transmit a signal to the contactors.

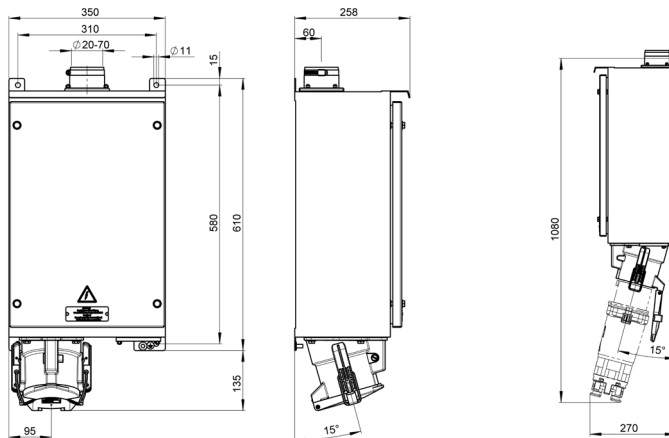
The main contacts in the connector unit are subsequently closed. Thus the connection is under load. Furthermore, the electrical connection will be disconnected immediately by the pilot contacts, if an unintentional manual disconnection is conducted.

Construction of a CUBC connection box

1. Cable gland
2. Contactor
3. Panel Mounted Receptacle

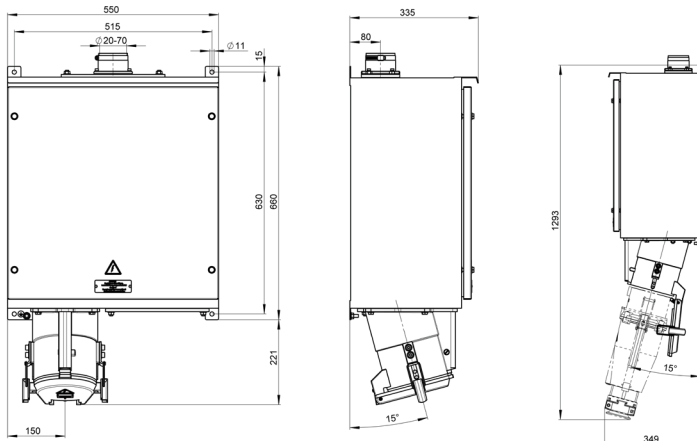


CUBC C - Line



Current	Number of Poles	Voltage	Type designation	Article No.
200 A	4 (3L+PEN)	230V	CUBC-S4/200 230V-9h	11820
		400V	CUBC-S4/200 400V-6h	11821
		500V	CUBC-S4/200 500V-7h	11822
		690V	CUBC-S4/200 690V-5h	11823
		1000V	CUBC-S4/200 1000V-1h	11824
	5 (3L+N+PE)	230V	CUBC-S5/200 230V-9h	11825
		400V	CUBC-S5/200 400V-6h	11826
		500V	CUBC-S5/200 500V-7h	11827
		690V	CUBC-S5/200 690V-5h	11828
		1000V	CUBC-S5/200 1000V-1h	11829
250 A	4 (3L+PEN)	230V	CUBC-S4/250 230V-9h	22170
		400V	CUBC-S4/250 400V-6h	22171
		500V	CUBC-S4/250 500V-7h	22172
		690V	CUBC-S4/250 690V-5h	22173
		1000V	CUBC-S4/250 1000V-1h	22174
	5 (3L+N+PE)	230V	CUBC-S5/250 230V-9h	22175
		400V	CUBC-S5/250 400V-6h	22176
		500V	CUBC-S5/250 500V-7h	22177
		690V	CUBC-S5/250 690V-5h	22178
		1000V	CUBC-S5/250 1000V-1h	22179

CUBC B - Line



Current	Number of Poles	Voltage	Type designation	Article No.
250A	4 (3L+PEN)	230V	CUBC-S4/250 230V-9h	11830
		400V	CUBC-S4/250 400V-6h	11831
		500V	CUBC-S4/250 500V-7h	11832
		690V	CUBC-S4/250 690V-5h	11833
		1000V	CUBC-S4/250 1000V-1h	11834
	5 (3L+N+PE)	230V	CUBC-S5/250 230V-9h	11835
		400V	CUBC-S5/250 400V-6h	11836
		500V	CUBC-S5/250 500V-7h	11837
		690V	CUBC-S5/250 690V-5h	11838
		1000V	CUBC-S5/250 1000V-1h	11839
315 A	4 (3L+PEN)	230V	CUBC-S4/315 230V-9h	22970
		400V	CUBC-S4/315 400V-6h	22971
		500V	CUBC-S4/315 500V-7h	22972
		690V	CUBC-S4/315 690V-5h	22973
		1000V	CUBC-S4/315 1000V-1h	22974
	5 (3L+N+PE)	230V	CUBC-S5/315 230V-9h	22975
		400V	CUBC-S5/315 400V-6h	22976
		500V	CUBC-S5/315 500V-7h	22977
		690V	CUBC-S5/315 690V-5h	22978
		1000V	CUBC-S5/315 1000V-1h	22979
400 A	4 (3L+PEN)	230V	CUBC-S4/400 230V-9h	11840
		400V	CUBC-S4/400 400V-6h	11841
		500V	CUBC-S4/400 500V-7h	11842
		690V	CUBC-S4/400 690V-5h	11843
		1000V	CUBC-S4/400 1000V-1h	11844
	5 (3L+N+PE)	230V	CUBC-S5/400 230V-9h	11845
		400V	CUBC-S5/400 400V-6h	11846
		500V	CUBC-S5/400 500V-7h	11847
		690V	CUBC-S5/400 690V-5h	11848
		1000V	CUBC-S5/400 1000V-1h	11849

