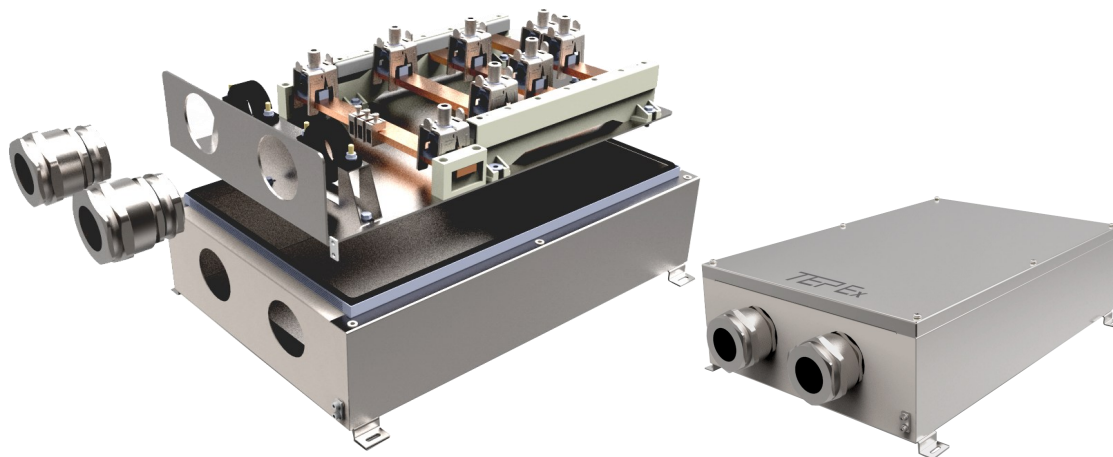


SKX busbar AISI

IP 66



IK 09



- For terminals from 50... 300 mm²
- Rated operational current up to max. 450 A depending on enclosure version and size
- Hinged door

CONSTRUCTION

Enclosure: Stainless steel AISI 316L, 1.5mm
Gasket: EPDM formed gasket

TECHNICAL DATA

Certificate:	FIDI 19 ATEX 0054, FIDI 19 ATEX 0055
Marking:	0722
Apparatus category:	II 2GD
Marking of explosion protection:	Ex eb IIC T6/T5 Gb Ex tb IIIC T80°C/T95°C Db
Ambient temperature ATEX:	-40°C ≤ T _a ≤ +50°C
Degree of protection:	IP 66
Resistance to shock:	IK 09
Protection class :	I (protective earthing)
Nominal voltage U_n:	630 V ±10%

Table of maximum currents for SKX 1008020:

Terminal	Cross section	t _a -40°C do +40°C	t _a -40°C do +50°C
300 mm ²	240 mm ²	450 A	425 A
	185 mm ²	440 A	390 A
	150 mm ²	400 A	350 A
	120 mm ²	350 A	300 A
120 mm ²	95 mm ²	300 A	250 A
	70 mm ²	220 A	185 A
	50 mm ²	160 A	130 A
	35 mm ²	100 A	80 A

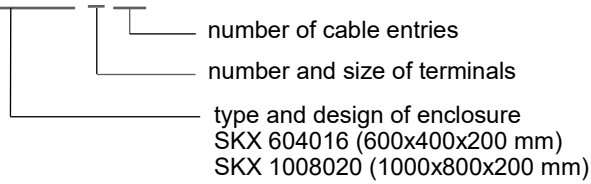
Table of maximum currents for SKX 604016:

Terminal	Cross section	t _{amb} -20°C do +40°C	t _{amb} -20°C do +50°C
185 mm ²	150 mm ²	300 A	250 A
	120 mm ²	250 A	200 A
120 mm ²	95 mm ²	200 A	160 A
	70 mm ²	150 A	125 A
	50 mm ²	125 A	100 A
	35 mm ²	100 A	80 A

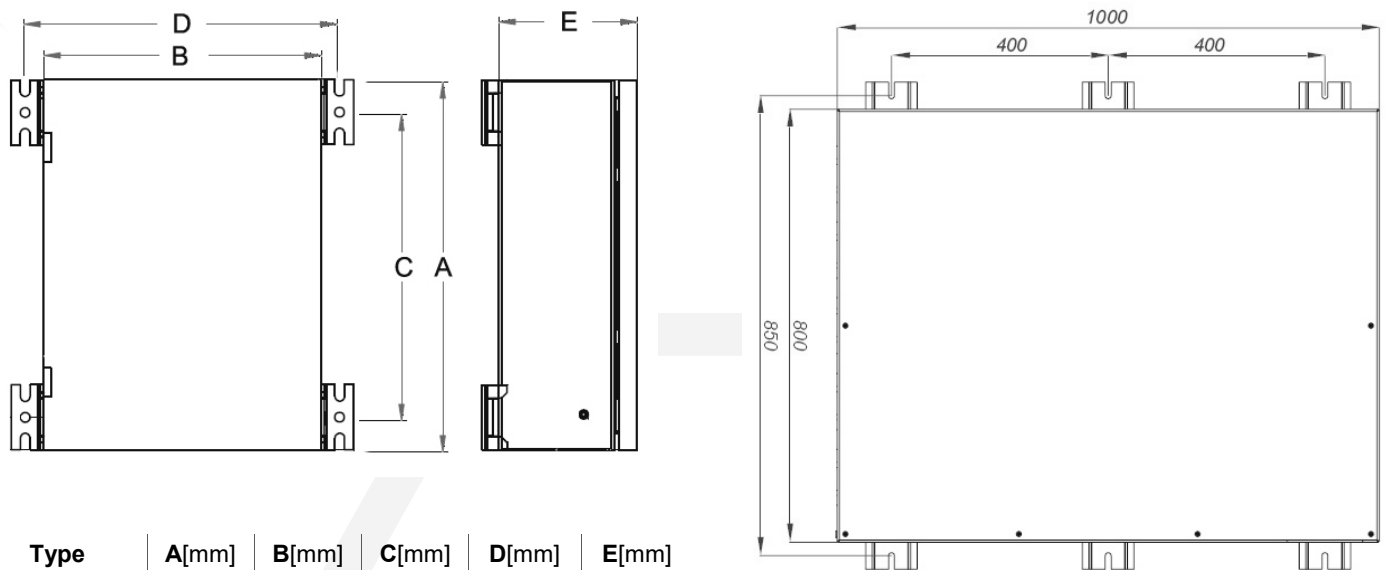
Busbar enclosure

MODEL CODE

SKX xxxxxxxx- . / ...



DIMENSION DRAWING (mm)



Type	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]
SKX 604016	600	400	530	440	200
SKX 1008020	1000	800	800	850	

SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Cover	SKX 604016/ 10-100		Terminal 35 mm ²	SKX 604016/ 10-170
	Gasket	SKX 604016/ 10-110		Terminal 120 mm ²	SKX 604016/ 10-180
	Cover screw M5x25	SKX 604016/ 10-120		Terminal 300 mm ²	SKX 604016/ 10-190
	Mounting set	SKX 604016/ 10-130		Strain relief set 3/4"	SKX 604016/ 10-200
	Busbar holder PE	SKX 604016/ 10-140		Strain relief set 1"	SKX 604016/ 10-210
	Busbar holder	SKX 604016/ 10-150		Strain relief set 5/4"	SKX 604016/ 10-220
	Busbar Cu 30x10	SKX 604016/ 10-160		Strain relief set 6/4"	SKX 604016/ 10-230

All technical data is relevant at the time of print.