

Zone

1 21 2 22

IP 66



- Multi socket boxes suitable for industrial areas, indoor and outdoor spaces
- Typically installed in hazardous areas where mobile electrical equipment is frequently used
- Ex eb GRP or IN-OX enclosures in various dimensions
- Every socket box includes a hinged door for easier installation
- 16 A or 32 A sockets combined with MCBs, RCDs, RCCBs or RCCBOs
- Control switches up to 80A are available for control of a main circuit
- A huge variety of built in components such as pushbuttons, signal lamps, switches, ammeters, voltmeters, digital indicators, windows and others are available

Socket-outlet box



CONSTRUCTION

Enclosure: polyester plastic reinforced with glass fiber, color - black
stainless steel AISI 316L, brush finished, thickness 1.5 mm

Cover: with integrated thermoplastic elastomer gasket, fixed in place with four/six M6 stainless steel screws

TECHNICAL DATA

Certificate:	FIDI 19 ATEX 0052X, FIDI 19 ATEX 0053 RU C-HR.HB07.B.00269/20
Marking:	0722
Apparatus category:	II 2G II 2D
Marking of explosion protection:	Ex db eb mb ia/ib IIC T4-T6 Gb Ex tb IIIC T80°C Db
Ambient temperature:	-20°C ≤ T _a ≤ +40°C / +50°C [ATEX] -50°C / -40°C / -20°C ≤ T _a ≤ +40°C / +50°C / +55°C [EAC]
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 08 (GRP enclosures) IK 09 (AISI 316L stainless steel enclosures)
Protection class :	I (protective earthing)
Rated voltage:	690 V AC (with mantle terminal blocks SL5, SL8; U _i = 400V AC)
Rated current:	Up to 80 A
Frequency:	50 / 60 Hz
Output circuit:	Depends on order requirements regarding built-in components and terminal blocks. The rated operational voltage, the rated operational current and the rated cross-section depend on the terminal type used and the explosion protected components.
Sockets:	16A: 2-5 poles, 20-690 V AC/DC 32A: 4-5 poles, 200-690 V AC/DC
Cable entry:	Determined by the customer

Socket-outlet box

MOUNTING

Wall mounting or as a free-standing box with a metal protection canopy.

ENCLOSURE DIMENSIONS

Material	Type	Length [mm]	Width [mm]	Height [mm]
GRP*	SKX 17/SRU	250	300	162
	SKX 18/SRU	250	400	
	SKX 20/1 /SRU	250	600	
	SKX 20/2 /SRU	500	600	
	SKX 20/3 /SRU	750	600	
AISI 316L	SKX 16I/SRU	300	300	150
	SKX 18I/SRU	400	300	
	SKX 20I-1/SRU	600	400	200



Ex db plug

*By joining SKX 20 enclosures, countless number of GRP enclosure sizes can be created.

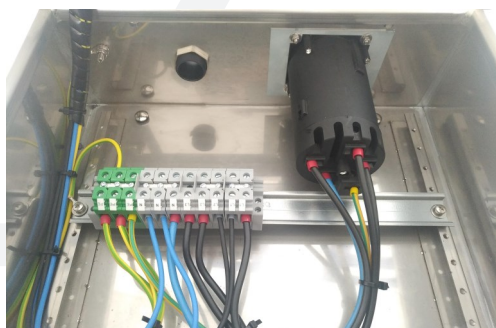
PANEL SOCKETS & PLUGS

Type*	Rated current	Number of poles	Rated voltage	Order code	
				Ex db panel socket	Ex db plug
T0251	16A	2P	20-25 VAC	F-2P-16A-25VAC	P-2P-16A-25VAC
			40-50 VAC	F-2P-16A-50VAC	P-2P-16A-50VAC
			20-50 VDC	F-2P-16A-50VDC	P-2P-16A-50VDC
		3P	110-130 VAC/DC	F-3P-16A-130V	P-3P-16A-130V
			200-250 VAC/DC	F-3P-16A-250V	P-3P-16A-250V
		5P	200-250 VAC/DC, 380-415 VAC/DC	F-5P-16A-415V	P-5P-16A-415V
T0252	32A	5P	200-250 VAC/DC, 380-415 VAC/DC	F-5P-32A-415V	P-5P-32A-415V

*Other types of sockets are available upon the customer's request.

OTHER BUILT-IN COMPONENTS

Check out other built in components at <https://tepex.hr/portfolio-item/control-units-skx-16-skx-20/>



All technical data is relevant at the time of print.