

IP 66



### CONSTRUCTION

Enclosure: polyester plastic reinforced with glass fiber, color - black  
Cover: with integrated thermoplastic elastomer gasket, closes with four M5/M6 stainless steel screws.

### TECHNICAL DATA

<b>Certificate:</b>	FIDI 19 ATEX 0051X EAC RU C-HR.AB24.B.03291
<b>Marking:</b>	0722
<b>Apparatus category:</b>	II 2GD, IM2
<b>Marking of explosion protection:</b>	Ex db eb IIC T6 Gb Ex db eb mb IIC T6 Gb Ex eb IIC T6 Gb Ex ia/ib IIC T6 Gb Ex tb IIIC T80°C Db Ex db eb I Mb Ex db eb mb I Mb Ex eb I Mb Ex ia/ib/ I Mb
<b>Ambient temperature ATEX:</b> <b>EAC:</b>	-20°C ≤ T <sub>a</sub> ≤ +40°C / +50°C / +55°C -50°C ≤ T <sub>a</sub> ≤ +50°C
<b>Degree of protection:</b>	IP 66 category 1
<b>Resistance to shock:</b>	IK 08
<b>Protection class :</b>	I (protective earthing)
<b>Rated voltage:</b>	630 V AC (with mantle terminals block SL5, SL8 U <sub>i</sub> = 400V AC)
<b>Thermal current I<sub>the</sub> :</b>	16 A max. at T <sub>amb</sub> -20°C ÷ +40°C 10 A max. at T <sub>amb</sub> -20°C ÷ +50°C
<b>PE terminals (inside of the enclosure):</b>	max. 2x4 mm <sup>2</sup> +2x2,5 mm <sup>2</sup> , 3x4 mm <sup>2</sup> , 2x6 mm <sup>2</sup>
<b>Weight (only GRP boxes):</b>	SKX 12 ..... 0.5 kg SKX 13 ..... 0,7 kg SKX 14 ..... 1.0 kg SKX 15 ..... 1.0 kg

### MOUNTING

With screw kit through the housing holes  $\phi 6$  mm at the peaks the rectangle:

SKX 12: 75 x 50 mm

SKX 13: 75 x 100 mm

SKX 14: 75 x 150 mm

SKX 15/15H: 125 x 150 mm

- Enclosures made of glass-fibre reinforced polyester resin
- 4 basic enclosure sizes
- Alone or in various combinations of merged set
- Equipped with built-in devices

⇒ Control devices

⇒ Indicating lamps

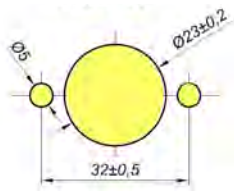
⇒ Pushbuttons

⇒ Control switches

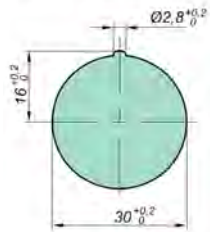
⇒ Ammeters

## Possible combinations and layout of indicators and actuators components

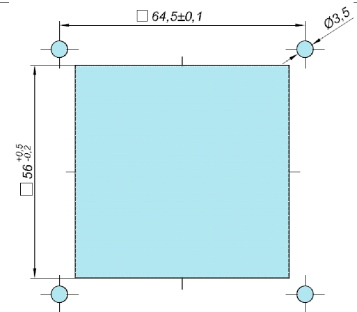
\* mounting proposals and dimensions



Switch actuator SMO 17/  
Switch mounting

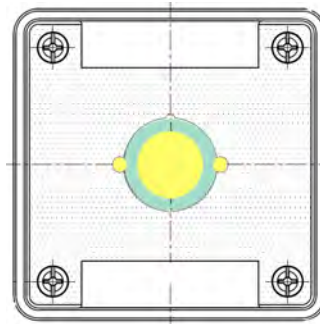
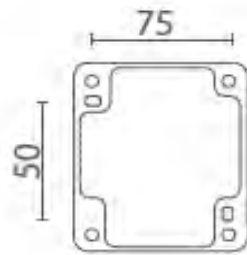
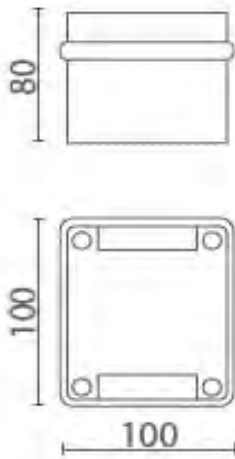


Pushbutton actuator SPO 01/  
Front element of signal lamp SPO 02/  
Pushbutton, signal lamp and potentiometer mounting



Front element of measuring instrument  
(AM, VM) SAM 72  
Measuring instrument mounting AM, VM

## Enclosure type SKX 12



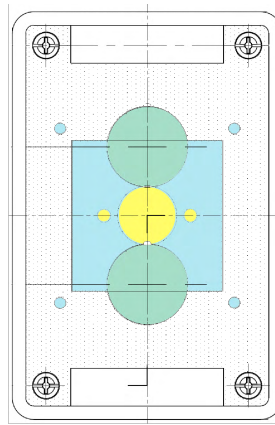
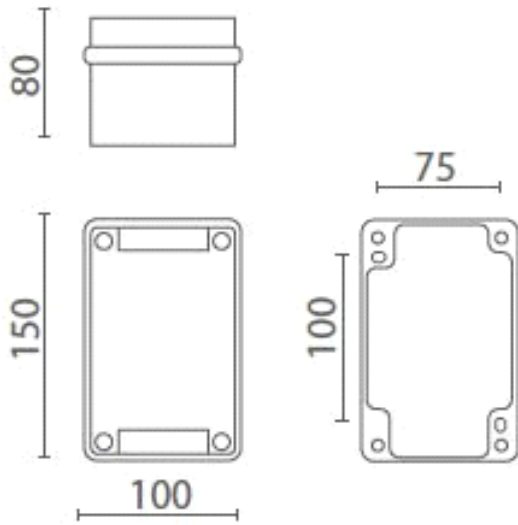
### Max. No. of cable glands

cable gland side	M16	M20	M25
A-C	2	2	1
B-D	1	1	1

All technical data is relevant at the time of print.

# SKX 12 ... SKX 15

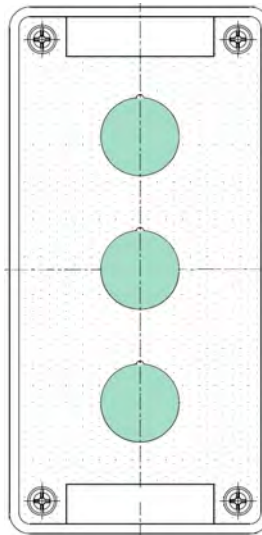
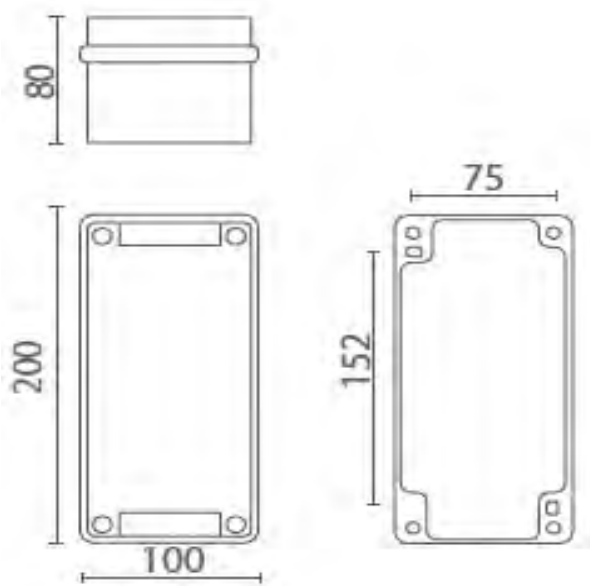
## Enclosure type SKX 13



Max. No. of cable glands

cable gland side	M16	M20	M25
A-C	2	2	1
B-D	4	3	2

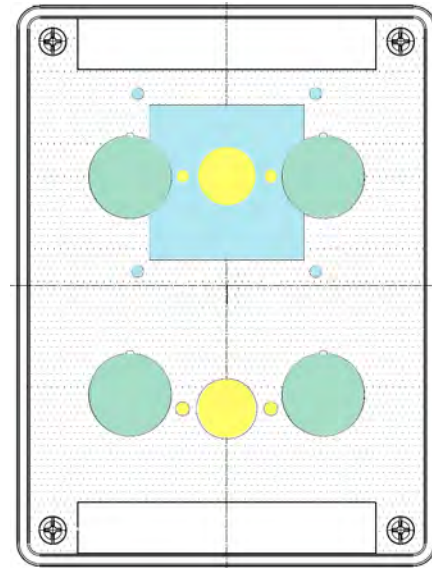
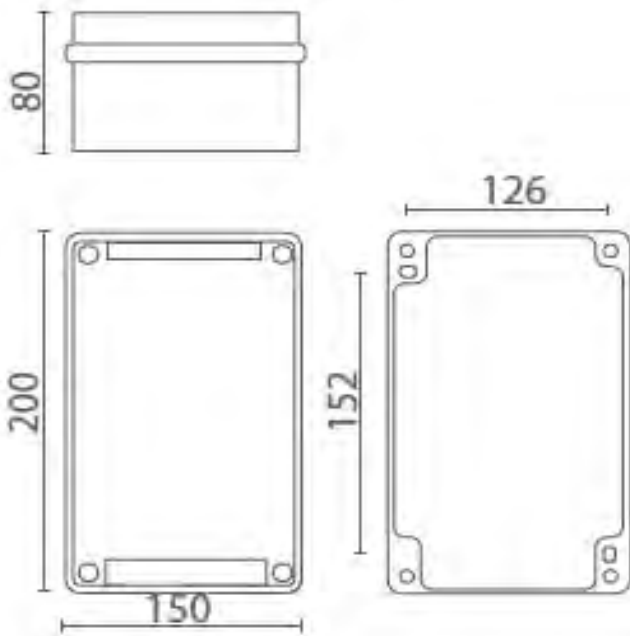
## Enclosure type SKX 14



Max. No. of cable glands

cable gland side	M16	M20	M25	M32
A-C	2	2	1	1
B-D	6	4	3	2

## Enclosure type SKX 15



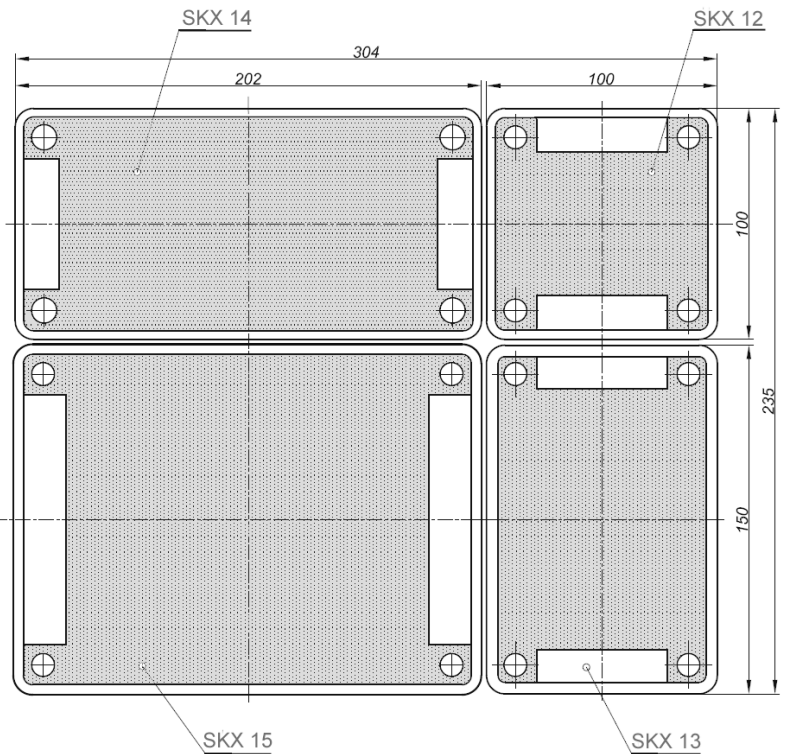
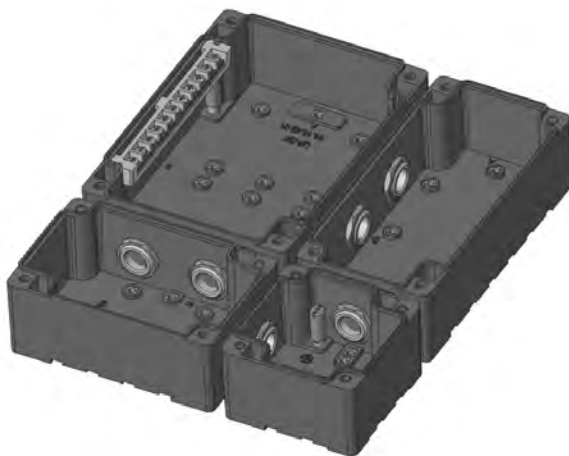
Max. No. of cable glands

cable gland side	M16	M20	M25	M32	M40
<b>A-C</b>	4	3	2	2	1
<b>B-D</b>	6	4	3	2	2

\* with built-in N/PE busbar

cable gland side	M16	M20	M25	M32	M40
<b>A-C</b>	4	3	2	2	1
<b>B-D</b>	5	3	3	-	-

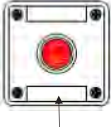
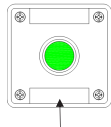
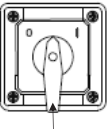
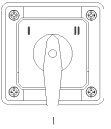
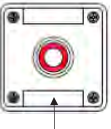
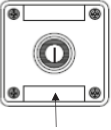
## Various combinations of merged set (combination) of SKX enclosures




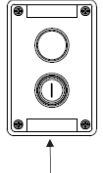
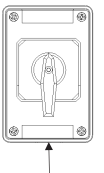
## MODEL CODE

The program consists of serial control units and control units according to customer's request.


## SKX 12/..

Type	Build-in components and actuator / indicator	Overview
SKX 12/1	Signal lamp SLP - red SPO 02/1 - cable gland SPU 25	
SKX 12/2	Signal lamp SLP - green SPO 02/2 - cable gland SPU 25	
SKX 12/3	Signal lamp SLP - white SPO 02/4 - cable gland SPU 25	-
SKX 12/21	Control switch SMS 03/1 - switch actuator SMO 17/1 - cable gland SPU 25	
SKX 12/22	Serial switch SMS 03/8 - switch actuator SMO 17/5 - cable gland SPU 25	0 - I - II - III
SKX 12/23	Control switch SMS 03/6 - switch actuator SMO 17/2 - cable gland SPU 25	
SKX 12/31	Pushbutton PBT 01 - Key-operated mushroom -head pushbutton actuator - cable gland SPU 25	-
SKX 12/32	Pushbutton PBT 01 - pushbutton actuator SPO 01/1 - cable gland SPU 25	
SKX 12/33	Pushbutton PBT 01 - pushbutton actuator SPO 01/2 - cable gland SPU 25	
SKX 12/34	Pushbutton PBT 01 - Mushroom-head pushbutton actuator - cable gland SPU 25	-
SKX 12/35	Pushbutton PBT 01 - Mushroom-head pushbutton actuator with protector - 2x cable gland SPU 20	-
SKX 12/36	Pushbutton PBT 011 - Key-operated pushbutton - 2x cable gland SPU 20	-
SKX 12/37	Potentiometer - cable gland SPU 25	-
SKX 12/62	5x4 mm <sup>2</sup> EURO 4/35 grey on rail TH 35-7,5 - 2x SPU 25	-
SKX 12/63	5x4 mm <sup>2</sup> EURO 4/35 blue on rail TH 35-7,5 - 2x SPU 25 blue	-

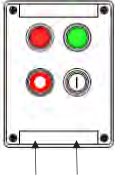
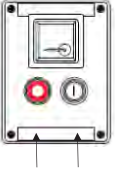
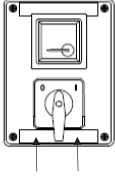
## SKX 13/..

Type	Build-in components and actuator / indicator	Overview
SKX 13/1	2x pushbutton PBT 01 - SPO 01/1 - SPO 01/2 - cable gland SPU 25	
SKX 13/11	Pushbutton PBT 01 - SPO 01/1 - Signal lamp SLP - Front element of signal lamp SPO 02/2 - cable gland SPU 25	
SKX 13/10	Switch SMS 03/1 - switch actuator SMO 17/1 - cable gland SPU 25	
SKX 13/20	SMS 03/4 - SMO 17/2 - SPU 25	
SKX 13/30	SMS 03/5 - SMO 17/2 - SPU 25	
SKX 13/40	SMS 03/6 - SMO 17/2 - SPU 25	
SKX 13/60	SMS 03/3 - SMO 17/3 - SPU 25	
SKX 13/70	SMS 03/2 - SMO 17/1 - SPU 25	
SKX 13/80	SMS 03/7 - SMO 17/1 - SPU 25	
SKX 13/100	SMS 03/8 - SMO 17/5 - SPU 25	
SKX 13/110	SMS 03/9 - SMO 17/1 - SPU 25	
SKX 13/120	SMS 03/11 - SMO 17/2 - SPU 25	

## SKX 14/..

Type	Build-in components and actuator / indicator	Overview
SKX 14/1	2x pushbutton PBT 01 - SPO 01/1 - SPO 01/2 - Signal lamp SLP - SPO 02/2 - cable gland SPU 25	
SKX 14/11	3x pushbutton PBT 01 - pushbutton actuator SPO 01/1 - SPO 01/2 - SPO 01/3 - cable gland SPU 25	-
SKX 14/21	Mantle terminals SL 8 - 8x cable gland SPU 25	-
SKX 14/22	3x signal lamp SLP front element of signal lamp SPO 02/1 - SPO 02/2 - SPO 02/3 - cable gland SPU 25	-
SKX 14/31	3x pushbutton PBT 01 - pushbutton actuator SPO 01/1 - SPO 01/2 Mushroom-head pushbutton actuator - cable gland SPU 25	-

## SKX 15/..

Type	Build-in components and actuator / indicator	Overview
SKX 15/1	2x pushbutton PBT 01 - SPO 01/1 - SPO 01/2 - 2x signal lamp SLP - 02/1 - SPO 02/2 - 2x cable gland SPU 25	
SKX 15/11-11	2x pushbutton PBT 01 - pushbutton actuator SPO 01/1 - SPO 01/2 - ammeter AM 72 100/1A - 2x cable gland SPU 25	
SKX 15/11-12	2xPBT 01 - SPO 01/1 - SPO 01/2 - AM 72 50/1 A - 2xSPU 25	
SKX 15/11-21	2xPBT 01 - SPO 01/1 - SPO 01/2 - AM 72 100/5 A - 2xSPU 25	
SKX 15/11-22	2xPBT 01 - SPO 01/1 - SPO 01/2 - AM 72 50/1 A - 2xSPU 25	
SKX 15/21-11	Switch - switch actuator SMO 17/1 - ammeter AM 72 100/1 A - 2x uvodnica SPU 25	
SKX 15/21-12	Switch - switch actuator SMO 17/1 - ammeter AM 72 100/1 A - 2x uvodnica SPU 25	
SKX 15/21-21	Switch - Switch actuator SMO 17/1 - ammeter AM 72 100/5 A - 2x uvodnica SPU 25	
SKX 15/21-22	Switch - switch actuator SMO 17/1 - ammeter AM 72 50/5 A - 2x cable gland SPU 25	
SKX 15/34	4x pushbutton PBT/1 - 2xSPO 01/1 - 2xSPO 01/2 - 2x cable gland SPU 25	-
SKX 15/50	Switch SMS 03/12 - SMO 17/2 - cable gland SPU 25	-
SKX 15/90	Switch SMS 03/10 - SMO 17/3 - cable gland SPU 25	-
SKX 15/51	Switch SMS 03/9 - SMO 17/1 - 2x pushbutton PBT/1 - SPO 01/1 - SPO01/2 - 2x cable gland SPU 25	-
SKX 15/65	4x mantle terminals SL5 - 8x cable gland SPU 25	-



