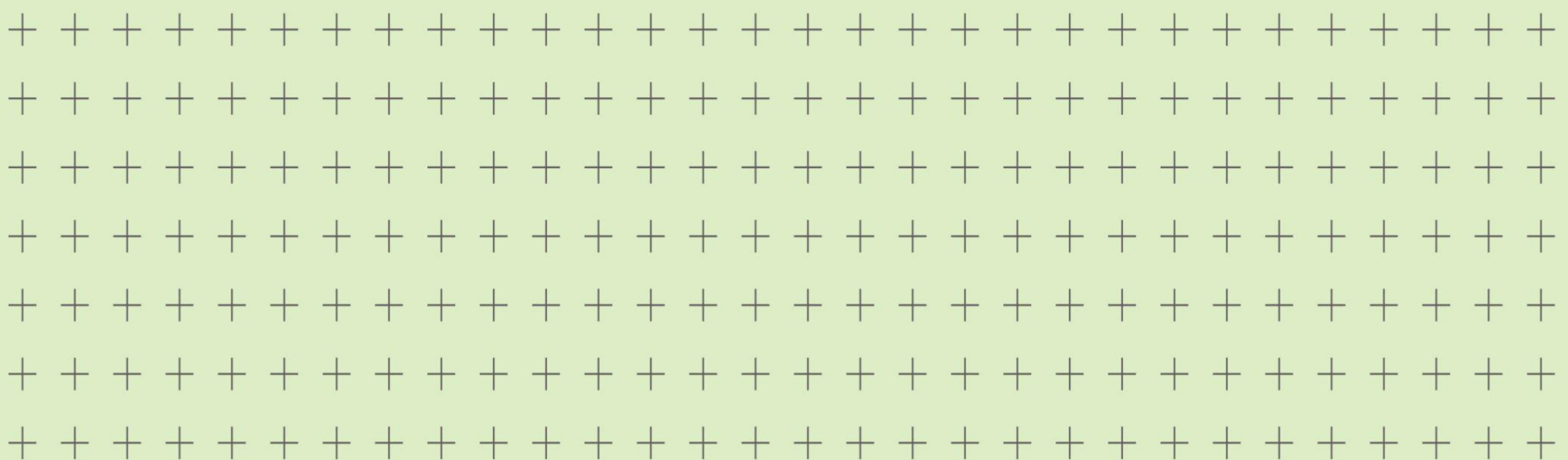
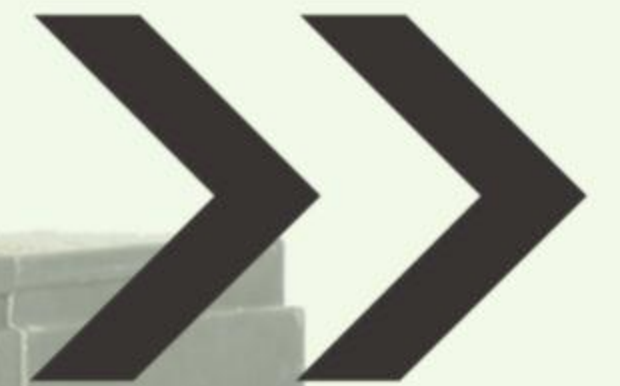




Rating Overview



SUZC circuit breakers

Number of poles

Rated current (A)

I_n at 40 °C

Rated insulation voltage (V)

U_i

Rated impulse withstand voltage (kV)

U_{imp}

Rated operational voltage (V)

U_e AC 50/60 Hz
DC

Electrical characteristics as per IEC 60947-2, EN 60947-2, JIS C8201-2-1

Ultimate breaking capacity (kA rms)

I_{cu} AC 50/60 Hz 110/130 V
220/230/240 V
380 V
400/415 V
440 V
550 V

DC 125 V (1P)
250 V
(2P in series)

Rated service breaking capacity (kA rms)

I_{cs} % I_{cu} 110-400 V
415-550 V

Suitability for isolation

Utilisation category

Pollution degree

Endurance (C-O cycles)

Mechanical
Electrical I_n/415 V

Protection

Overload protection

Bimetal

Instantaneous protection

Magnetic Fixed (±20 %)

Auxiliaries

Auxiliary switch AX

Shunt trip release SHT

Undervoltage release UVR

Installation

Accessories

Rotary handles Direct
Extended

Terminal extensions

Spreaders

Phase barriers

Terminal shields

Dimension and weight

Dimensions (mm)

D x H
W



SUZC100B		SUZC100F		SUZC100N		SUZC100H		SUZC250F		SUZC250N		SUZC250H	
	3	3	1	3,4	1	2,3,4	3	3	2-3				
	15, 16, 20, 25, 30, 32, 40, 45, 50, 60	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	15, 16, 20, 25, 30, 32, 40, 45, 50, 60, 63, 75, 80, 100	100, 125, 150, 160, 175, 200, 225, 250	100, 125, 150, 160, 175, 200, 225, 250	100, 125, 150, 160, 175, 200, 225, 250				
	690	690	690	690	690	690	690	690	690	690	690	690	690
	6	6	6	6	6	6	6	6	6	6	6	6	6
	550	550	415	550	415	550	550	550	550	550	550	550	550
	-	250	125	250	125	250	250	250	250	250	250	250	250
	10	25	25	25	50	100	25	50	85				
	10	25	18	25	25	100 ⁽¹⁾	25	50	85				
	7.5	10	2.5	18	5	30	18	25	36				
	7.5	10	2.5	15	5	30	18	25	36				
	5	7.5	-	10	-	20	15	20	25				
	2.5	5	-	5	-	10	5	8	10				
	-	5	5	5	10	10	5	20	30				
	-	5	-	5	-	10	5	20	30				
	25 %	50 %	50 %	50 %	50 %	50 %	50 %	50 %	50 %				
	25 %	50 %	50 %	50 %	50 %	25 %	50 %	50 %	50 %				
	■	■	■	■	■	■	■	■	■				
	A	A	A	A	A	A	A	A	A				
	3	3	3	3	3	3	3	3	3				
	13 000	13 000	13 000	13 000	13 000	13 000	10 000	10 000	10 000				
	4 000	4 000	4 000	4 000	4 000	4 000	5 000	5 000	5 000				
	fixed	fixed	fixed	fixed	fixed	fixed	fixed	fixed	fixed				
	fixed	fixed	fixed	fixed	fixed	fixed	fixed	fixed	10 In	10 In	10 In		
	■	■	■	■	■	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■	■	■	■	■	■
	■	■	■	■	■	■	■	■	■	■	■	■	■
	60 x 130	60 x 130	60 x 130	60 x 130	60 x 130	60 x 130	60 x 165	60 x 165	60 x 165				
	75	75	25	75 (3P) 100 (4P)	25	50 (2P) 75 (3P) 100 (4P)	105	105	105				

Functions and characteristics

SUZC circuit breakers

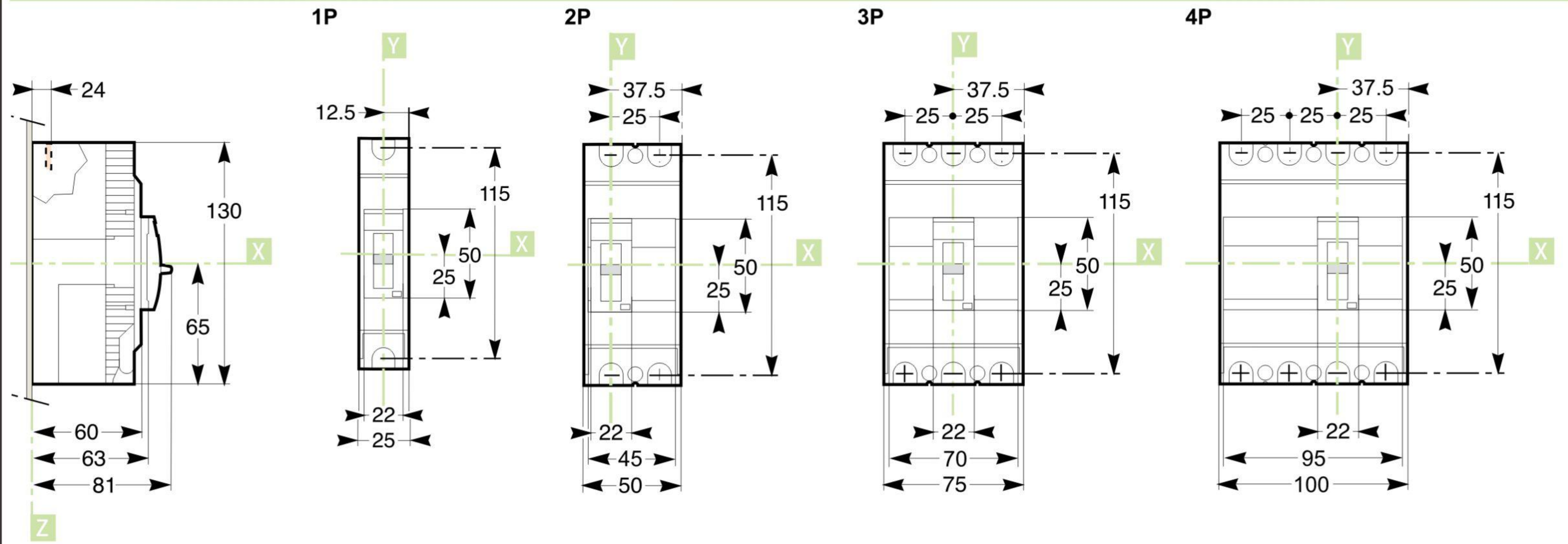


Number of poles		
Rated current (A)	I_n	at 40 °C
Rated insulation voltage (V) U_i		
Rated impulse withstand voltage (kV) U_{imp}		
Rated operational voltage (V)	U_e	AC 50/60 Hz DC
Electrical characteristics as per IEC 60947-2, EN 60947-2 and JIS C8201-2-1/C8201-2-2		
Ultimate breaking capacity (kA rms)	I_{cu}	AC 50/60 Hz 220/230 V
		380 V
		400/415 V
		440 V
		550 V
		DC 125 V (1P) 250 V (2P in series)
Rated service breaking capacity (kA rms)	I_{cs}	% I _{cu}
Suitability for isolation		
Utilisation category		
Pollution degree		
Endurance (C-O cycles)	Mechanical	
	Electrical	I _n /415 V
Protection		
Overload protection	Bimetal	
Instantaneous protection	Magnetic	fixed (± 20 %)
Max. breaking time (s)		
	at 2 I _{Δn}	
Auxiliaries		
Indication contacts	Auxiliary switch	OF/AX
Voltage releases		
	Shunt trip release	MX/SHT
	Undervoltage release	MN/UVR
Installation		
Connection		
Accessories		
	Rotary handles	Direct Extended
	Terminal extensions	
	Spreaders	
	Phase barriers	
	Terminal shields	
Dimension and weight		
Dimensions (mm)	D x H	W

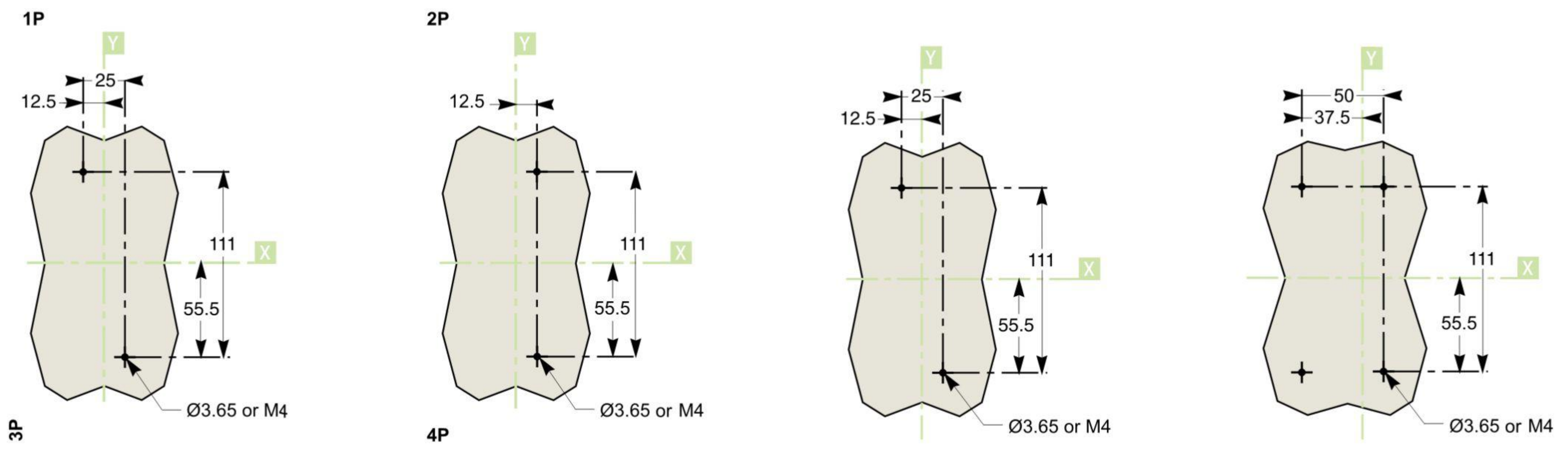
(1) 50 kA for 2 poles.
 (2) For 277 V only.
 (3) For 3 and 4 poles only.
 (4) For 3P only.

SUZC100

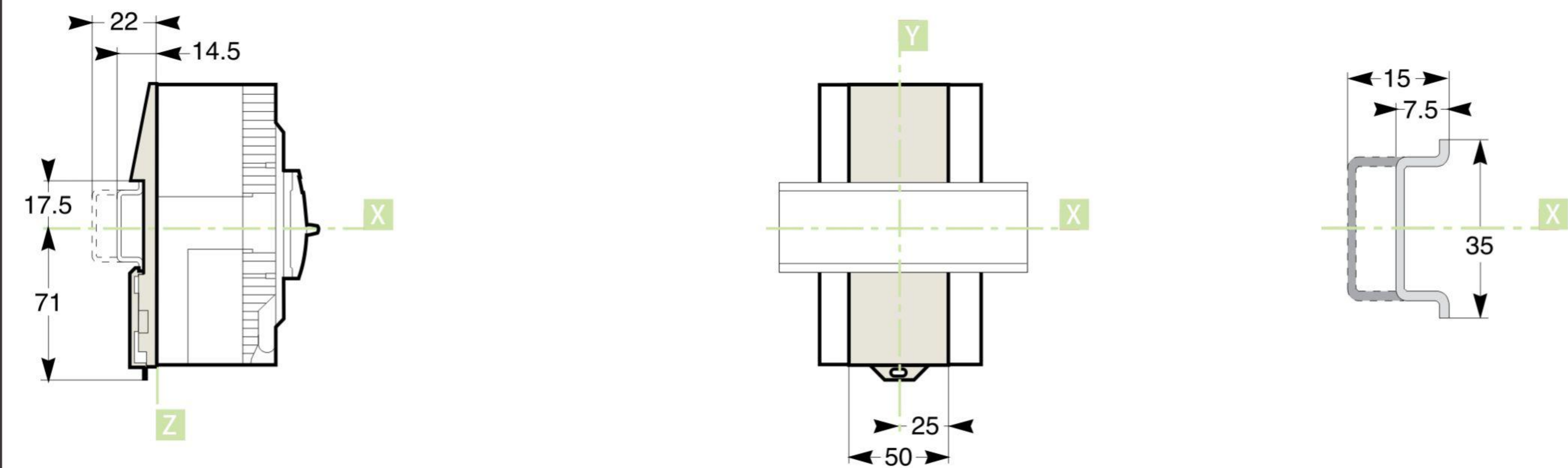
Dimensions



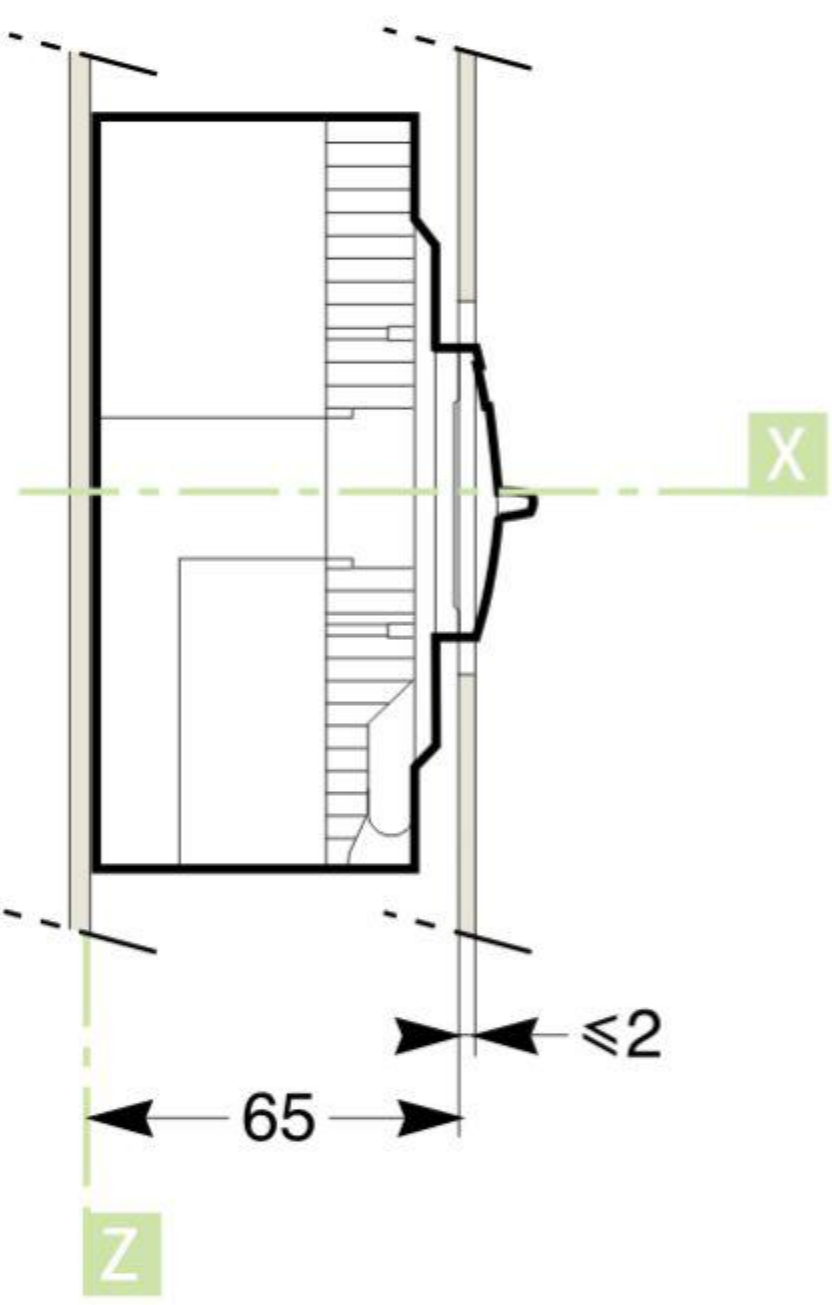
Mounting on plate



Mounting on DIN rail

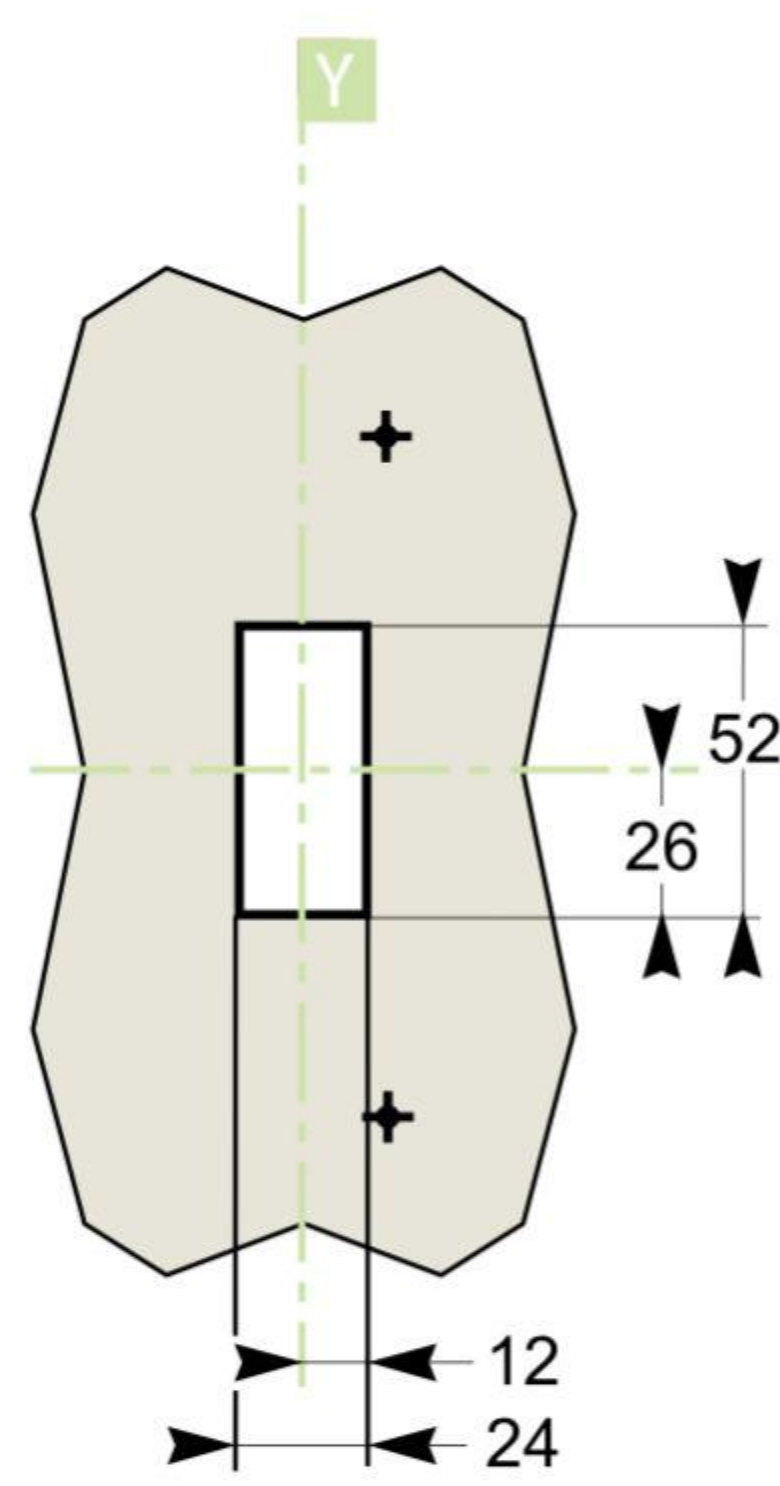


Door cut-out (small)



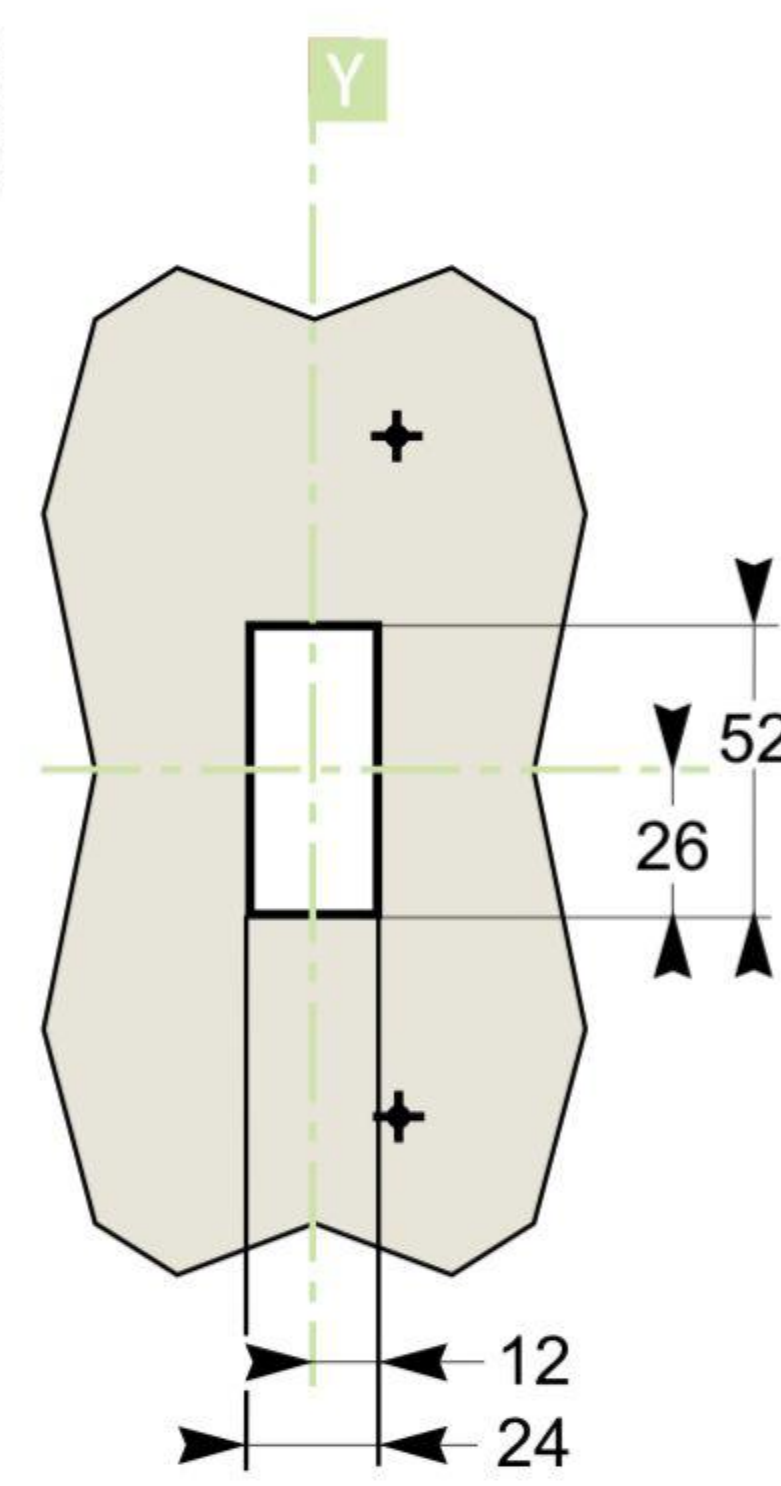
1P, 3P

DB116457



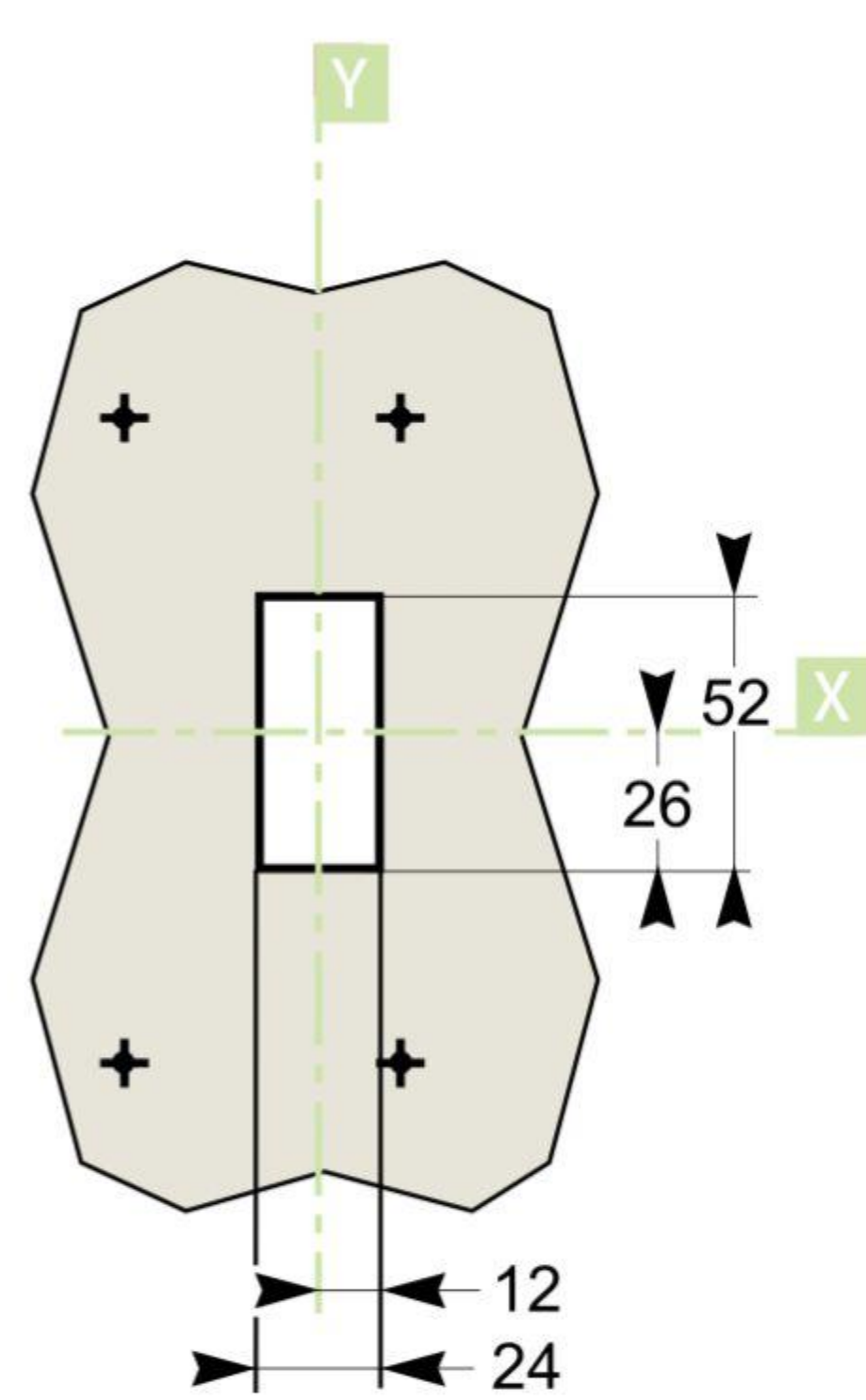
2P

DB116457

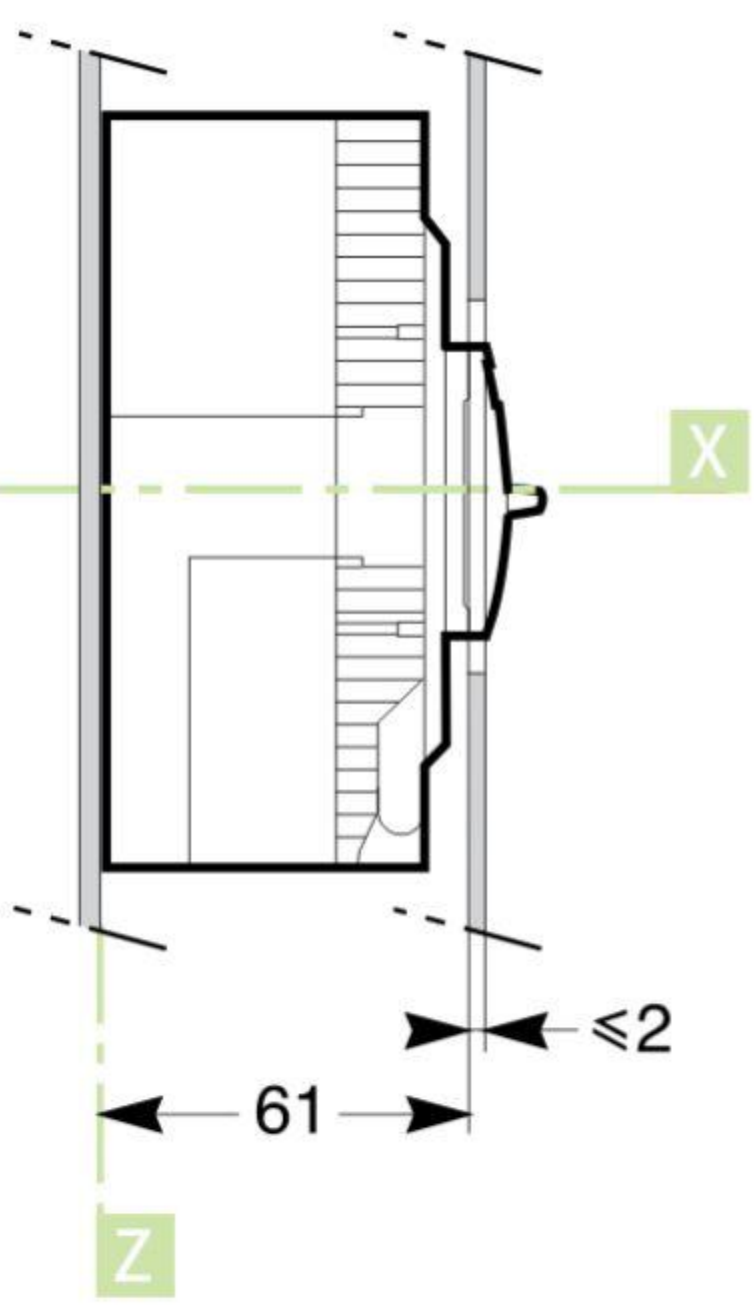


4P

DB116458

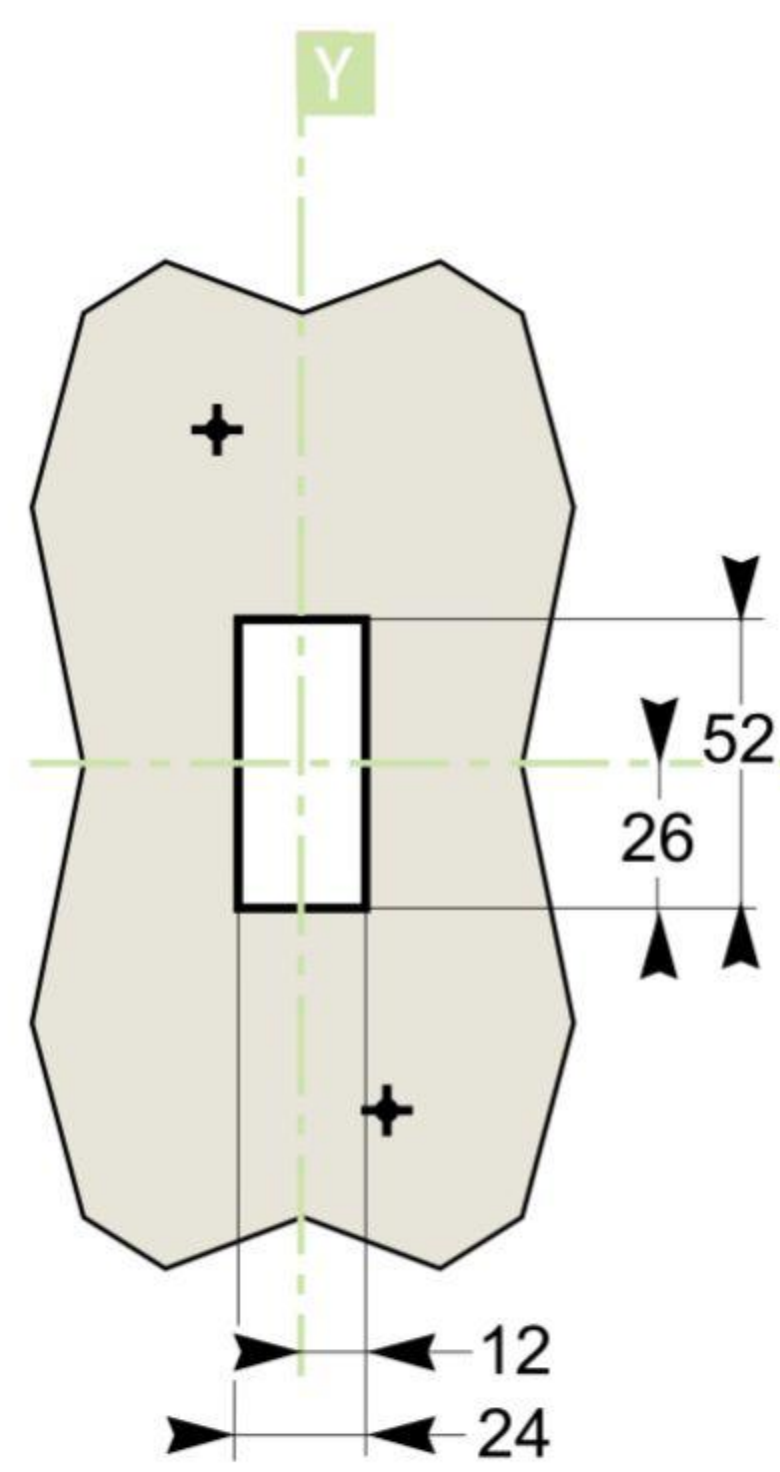


Door cut-out (large)



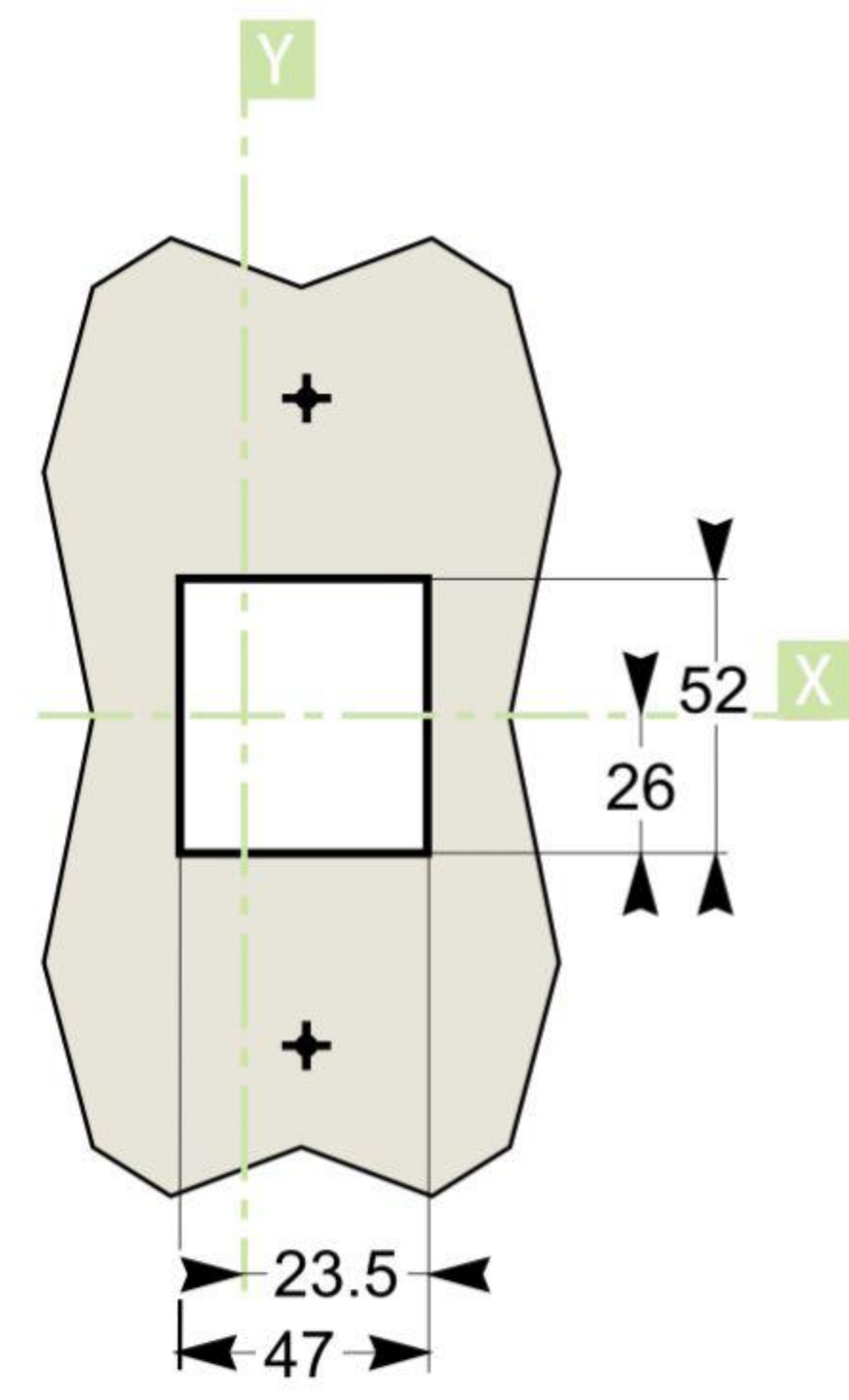
1P

DB116460



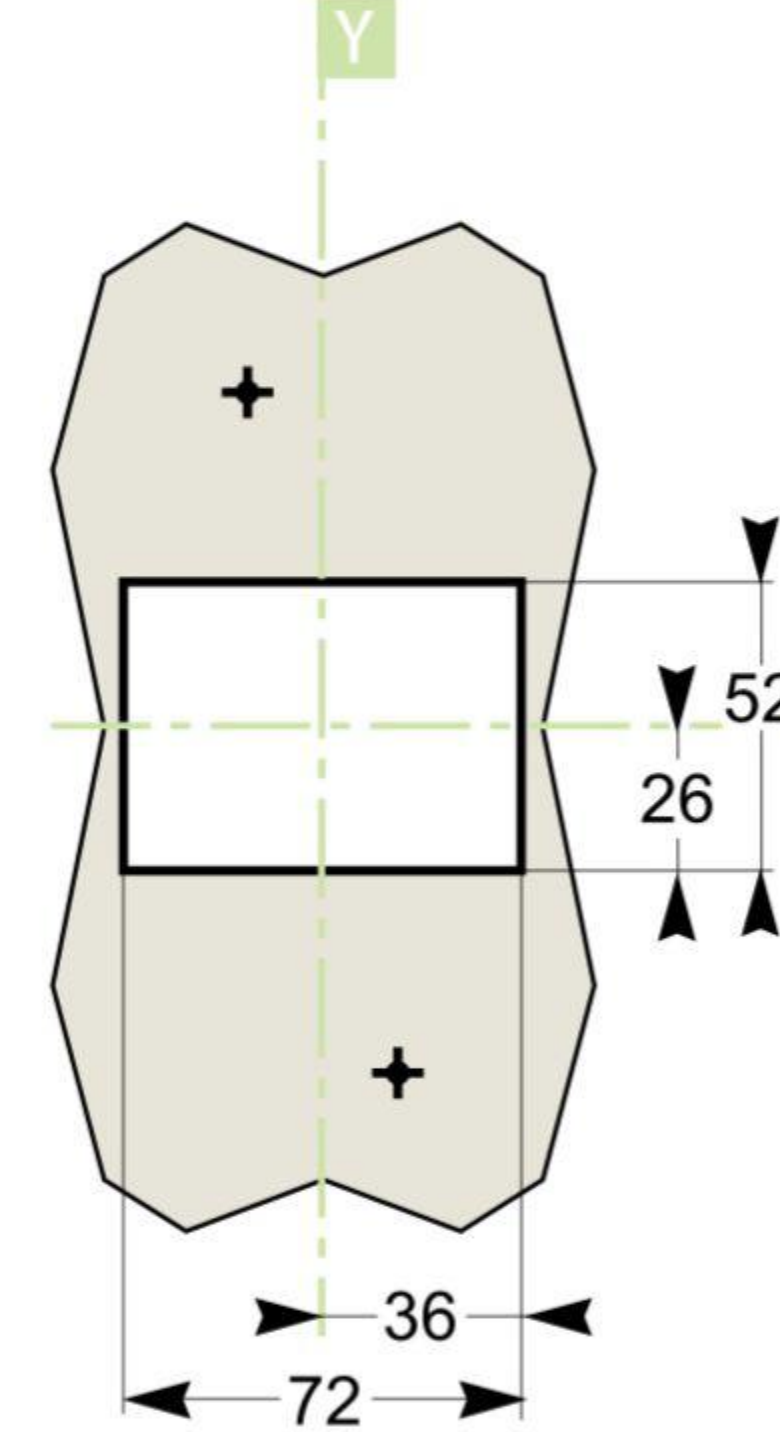
2P

DB116461



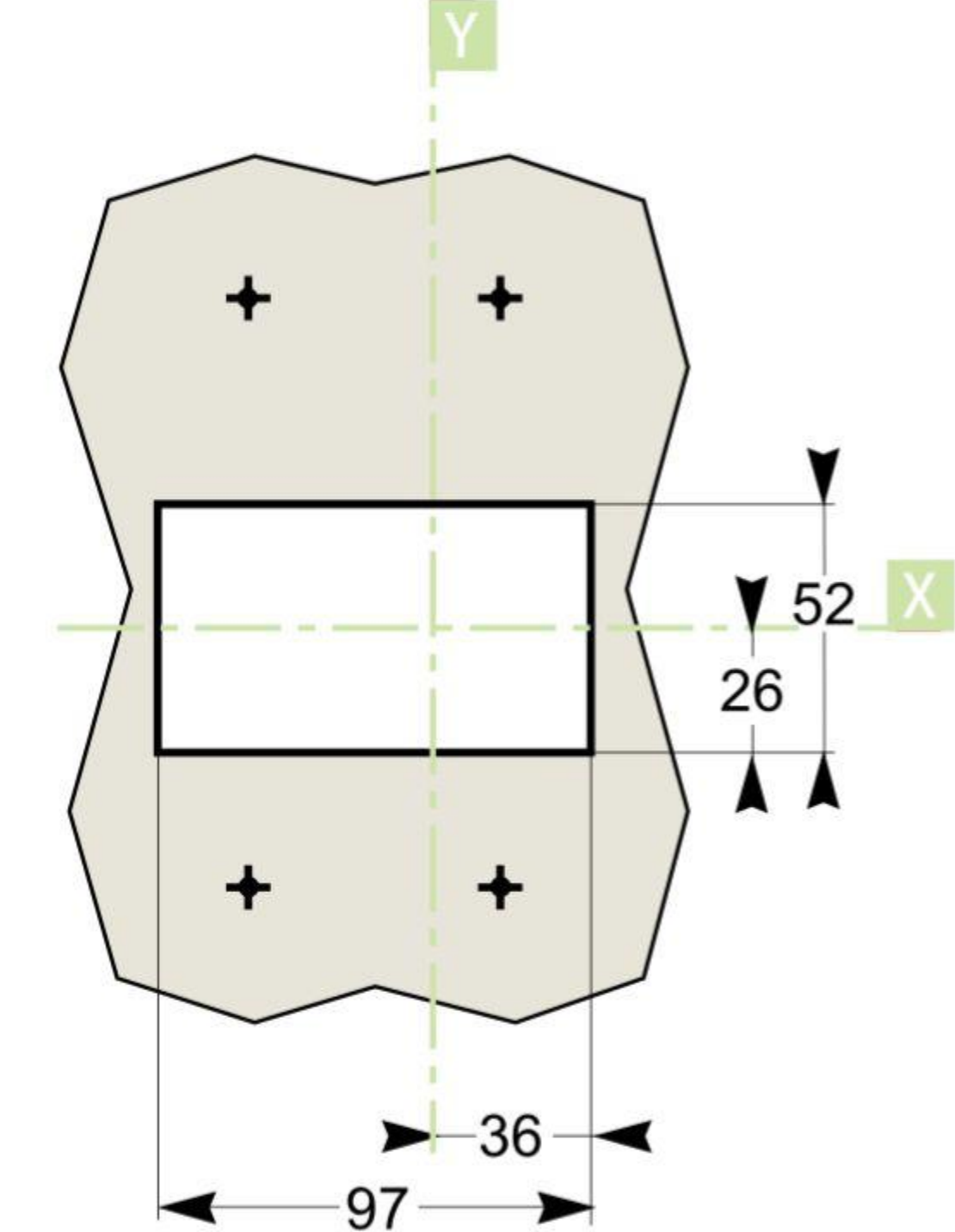
3P

DB116462



4P

DB116463

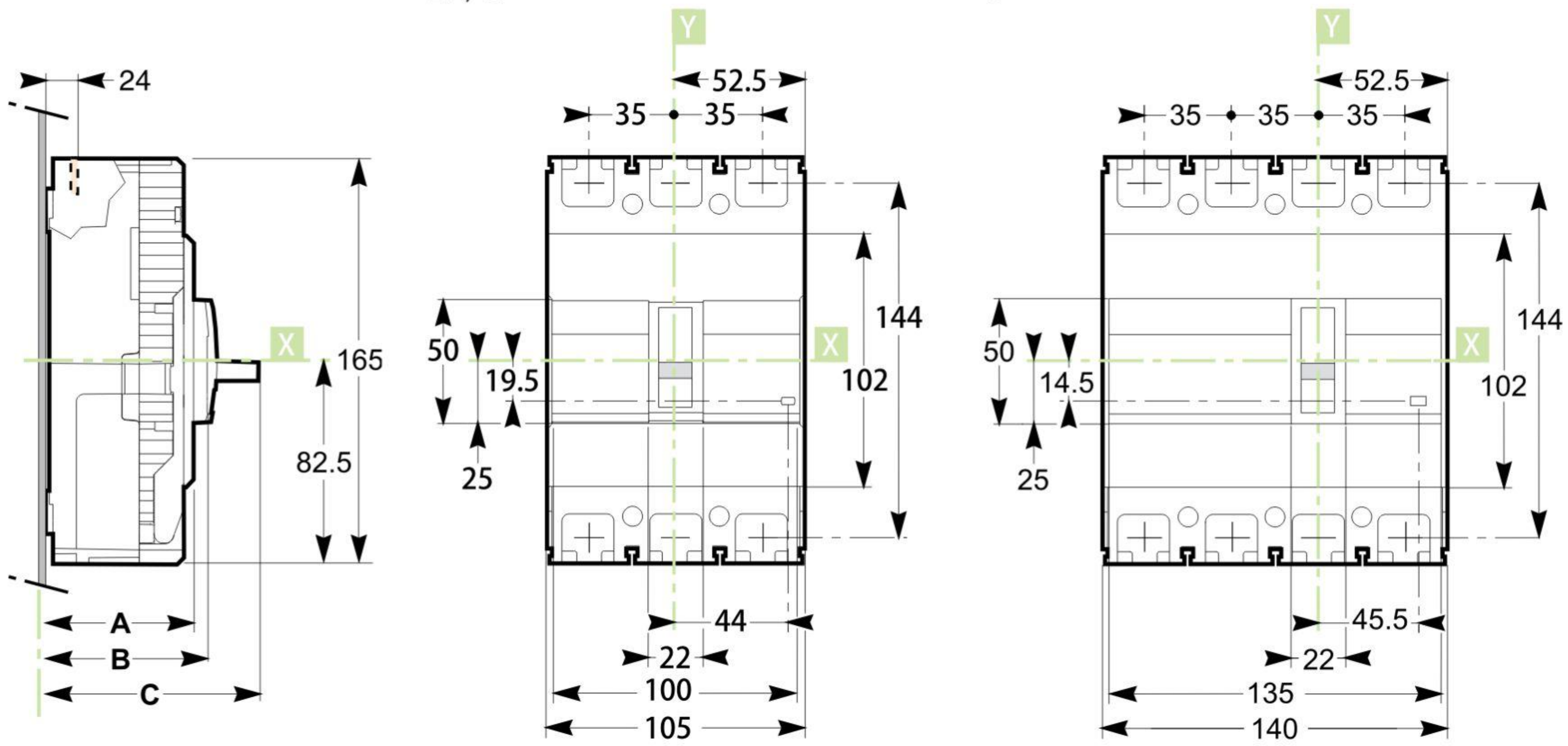


SUZC250

Dimensions

2P, 3P

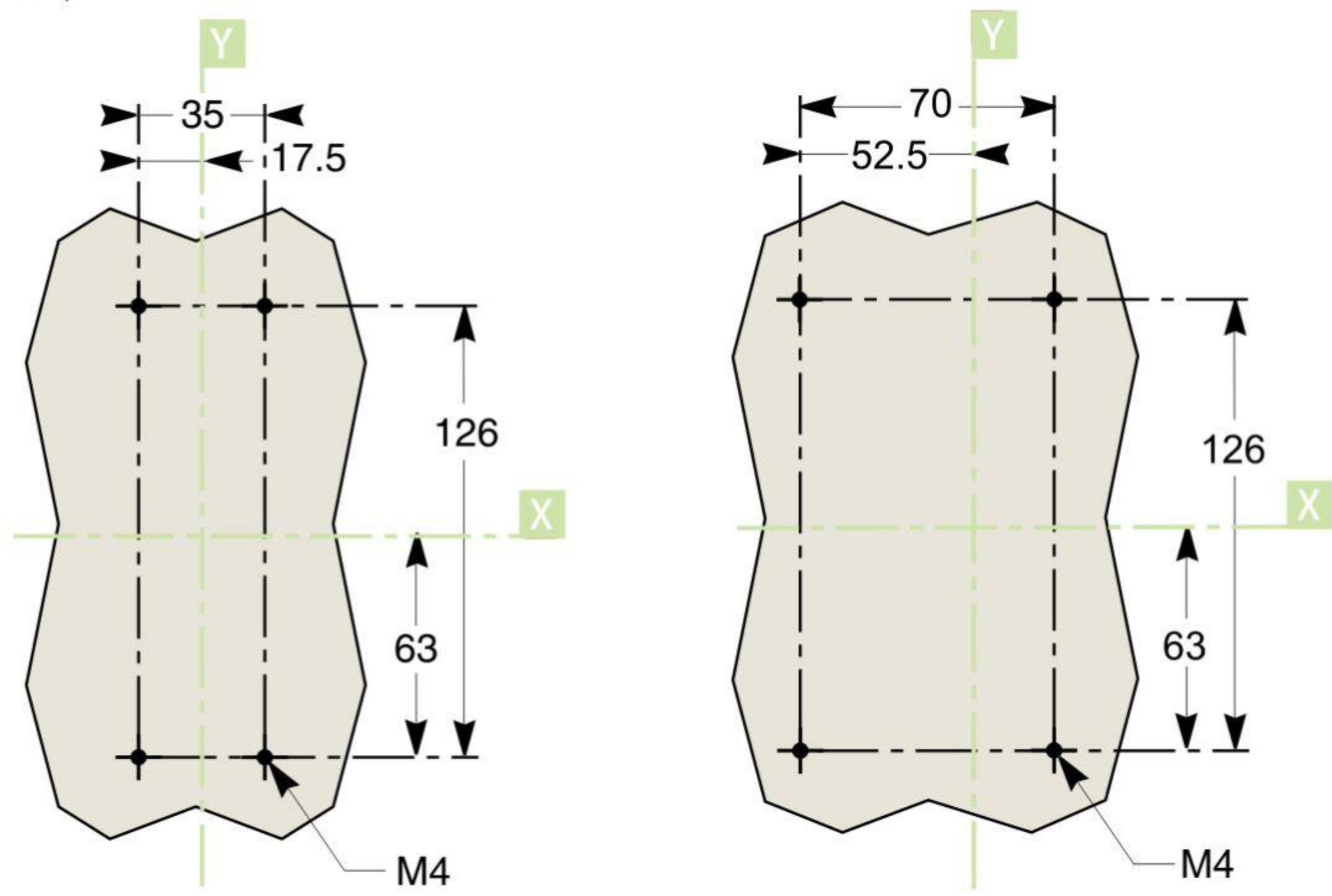
4P



Mounting on plate

2P, 3P

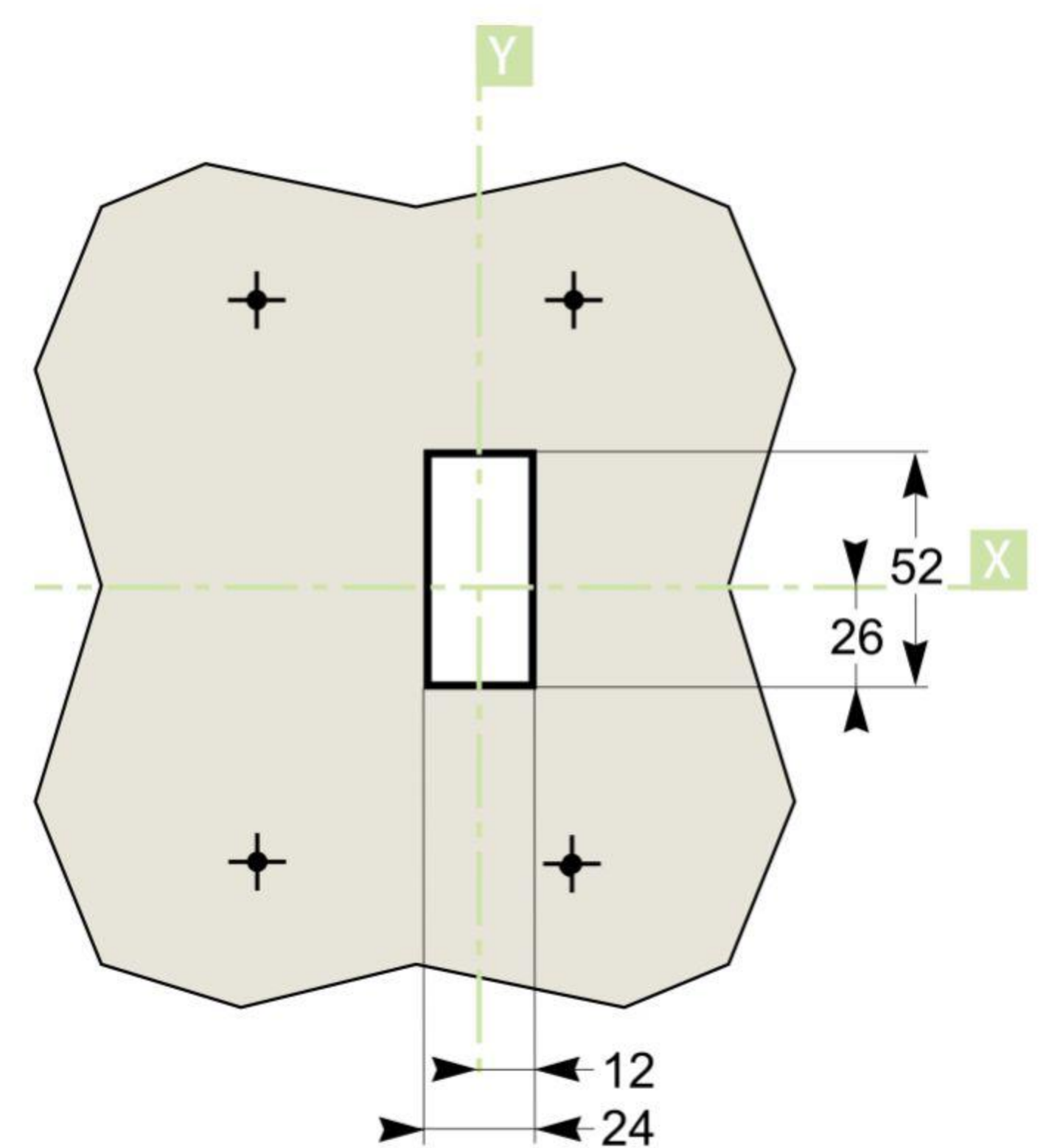
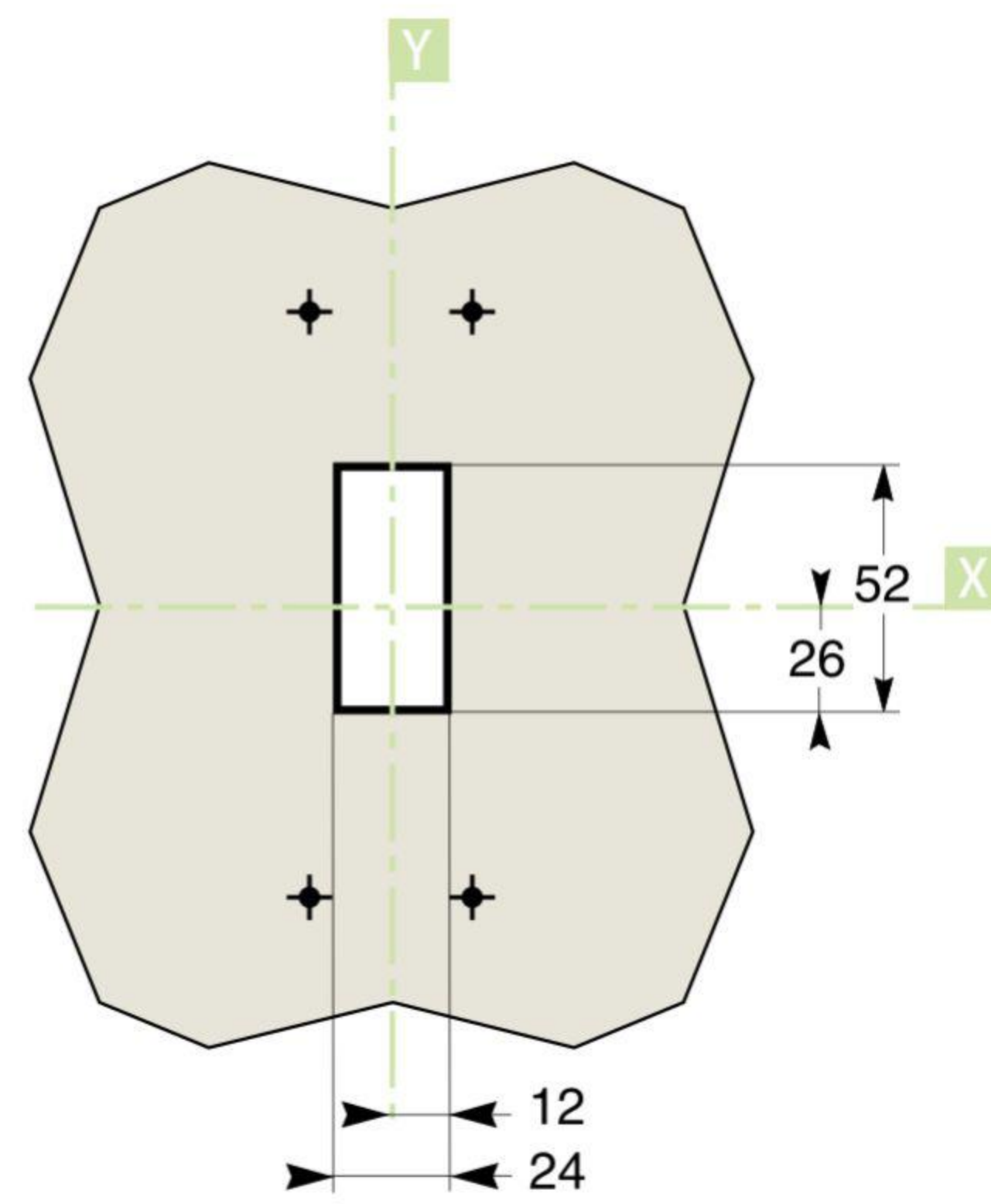
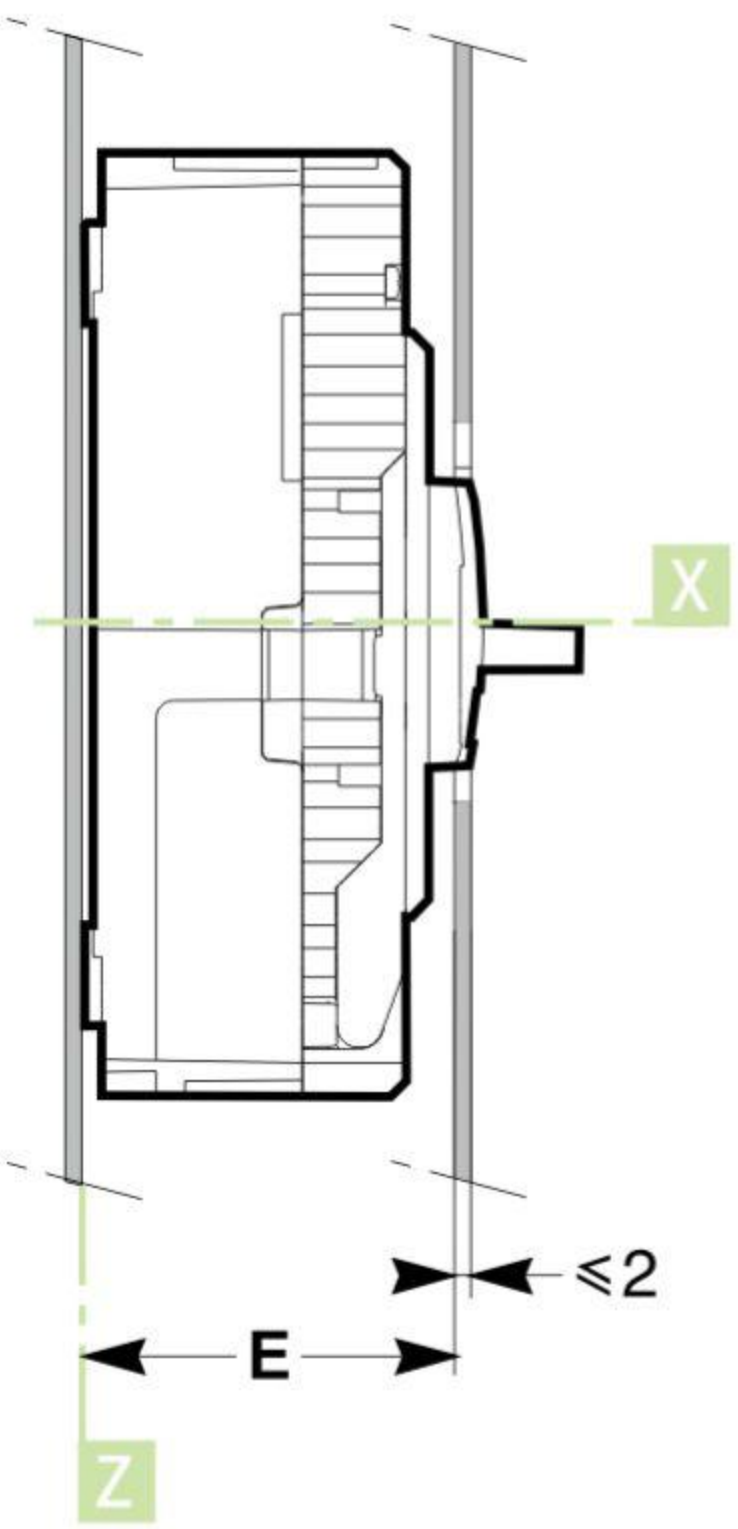
4P



Door cut-out (small)

2P, 3P

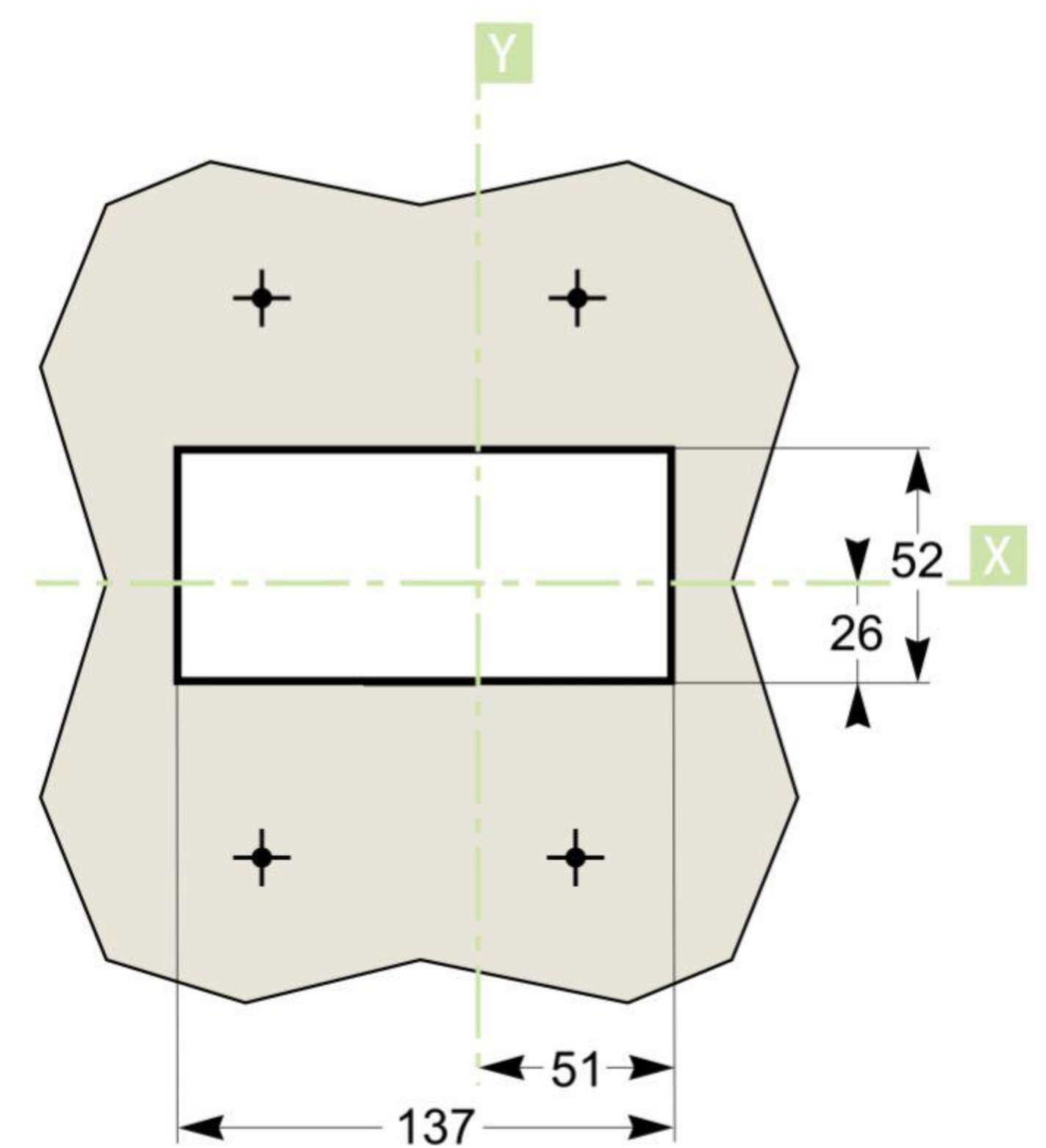
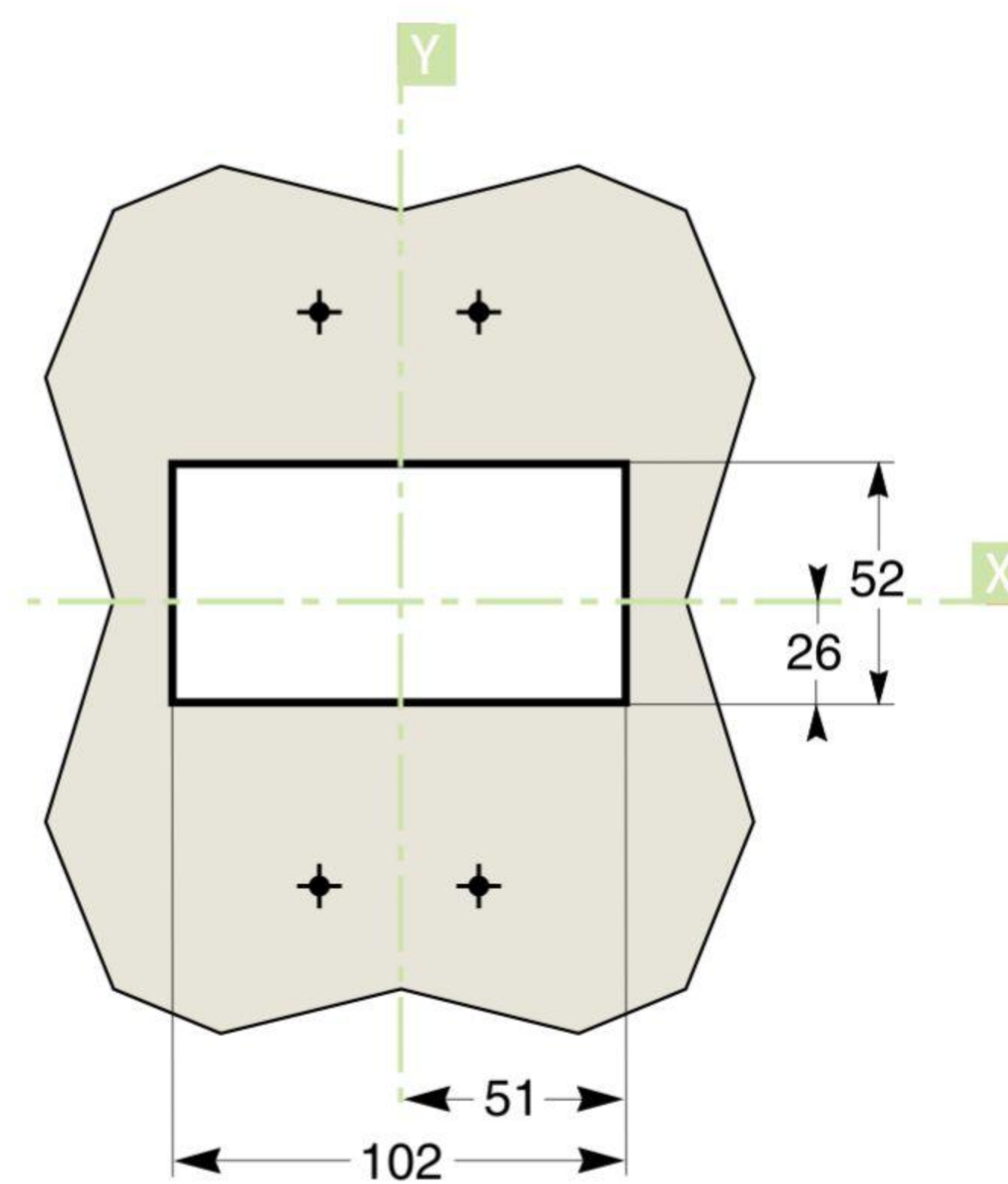
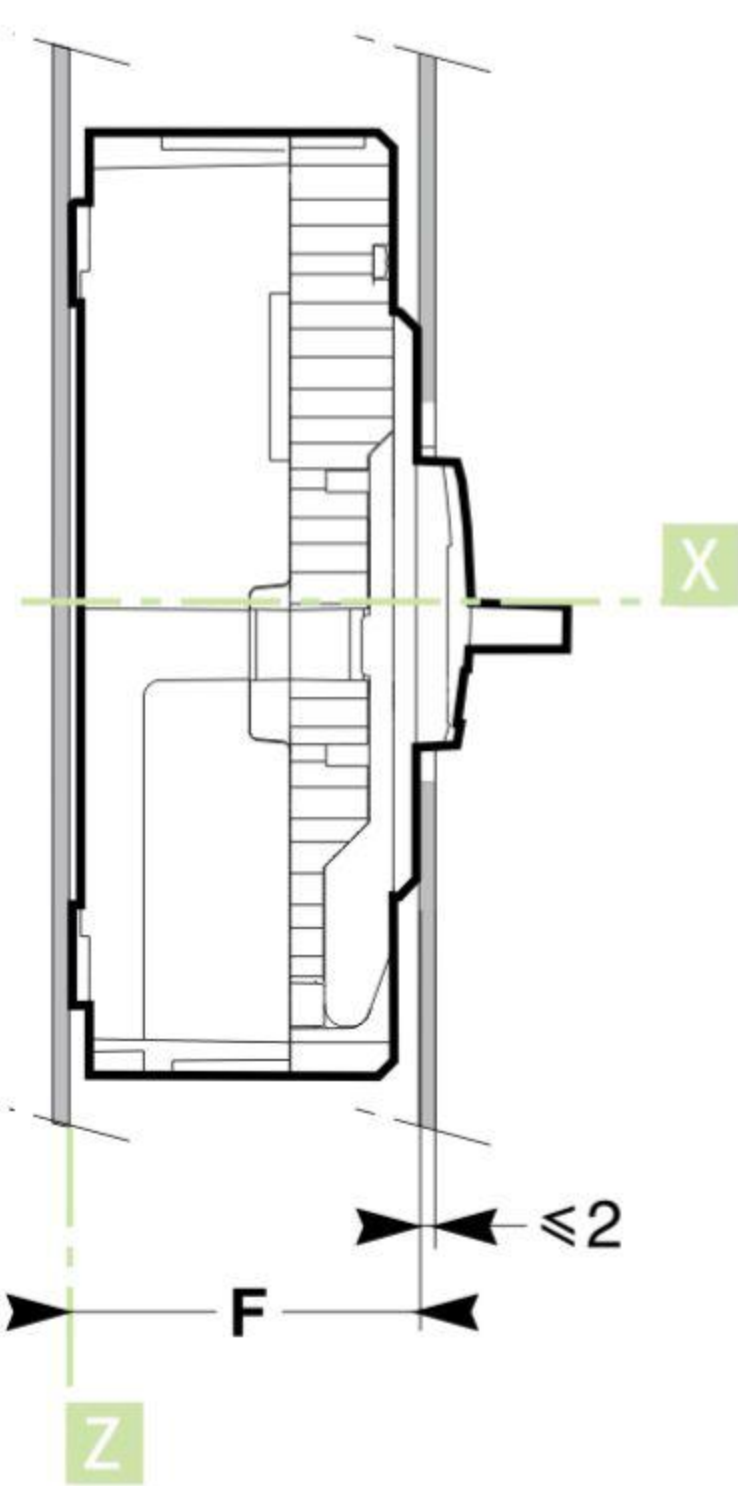
4P



Door cut-out (large)

2P, 3P

4P

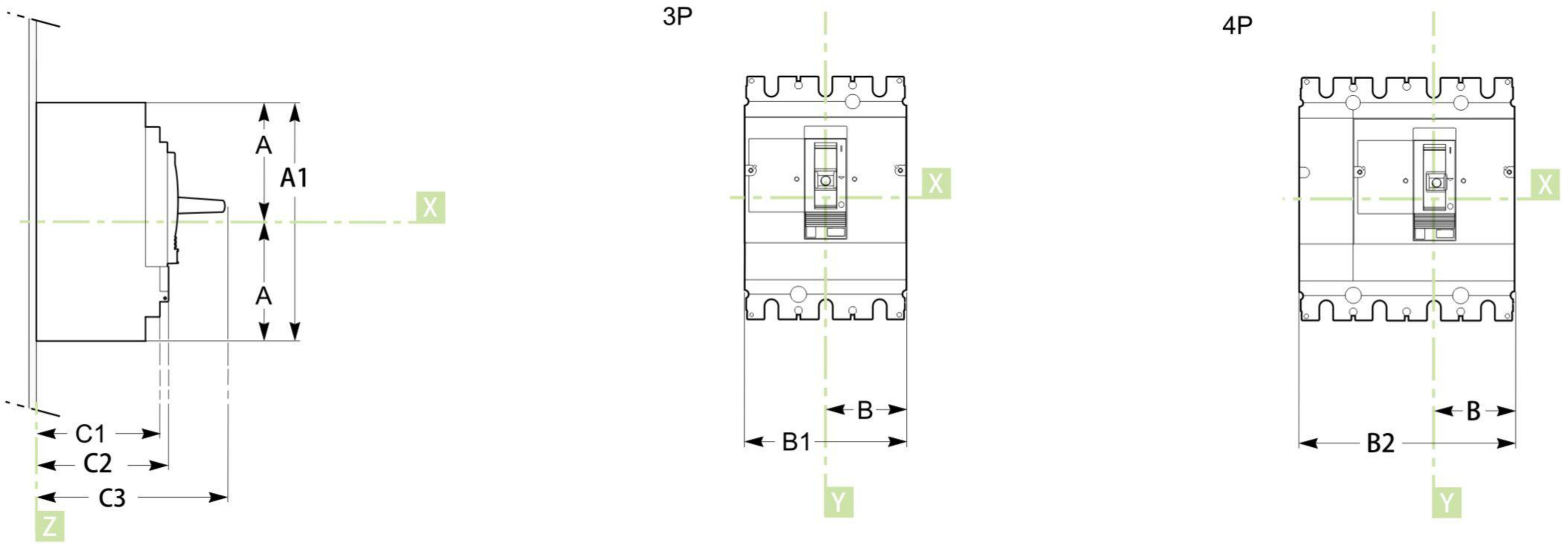


Dimensions (mm)

	A	B	C	D	E	F
SUZC 2/3P	60	65	85.5	-	67	61
SUZC 4P	68	73	95	-	75	

SUZC400

Dimensions

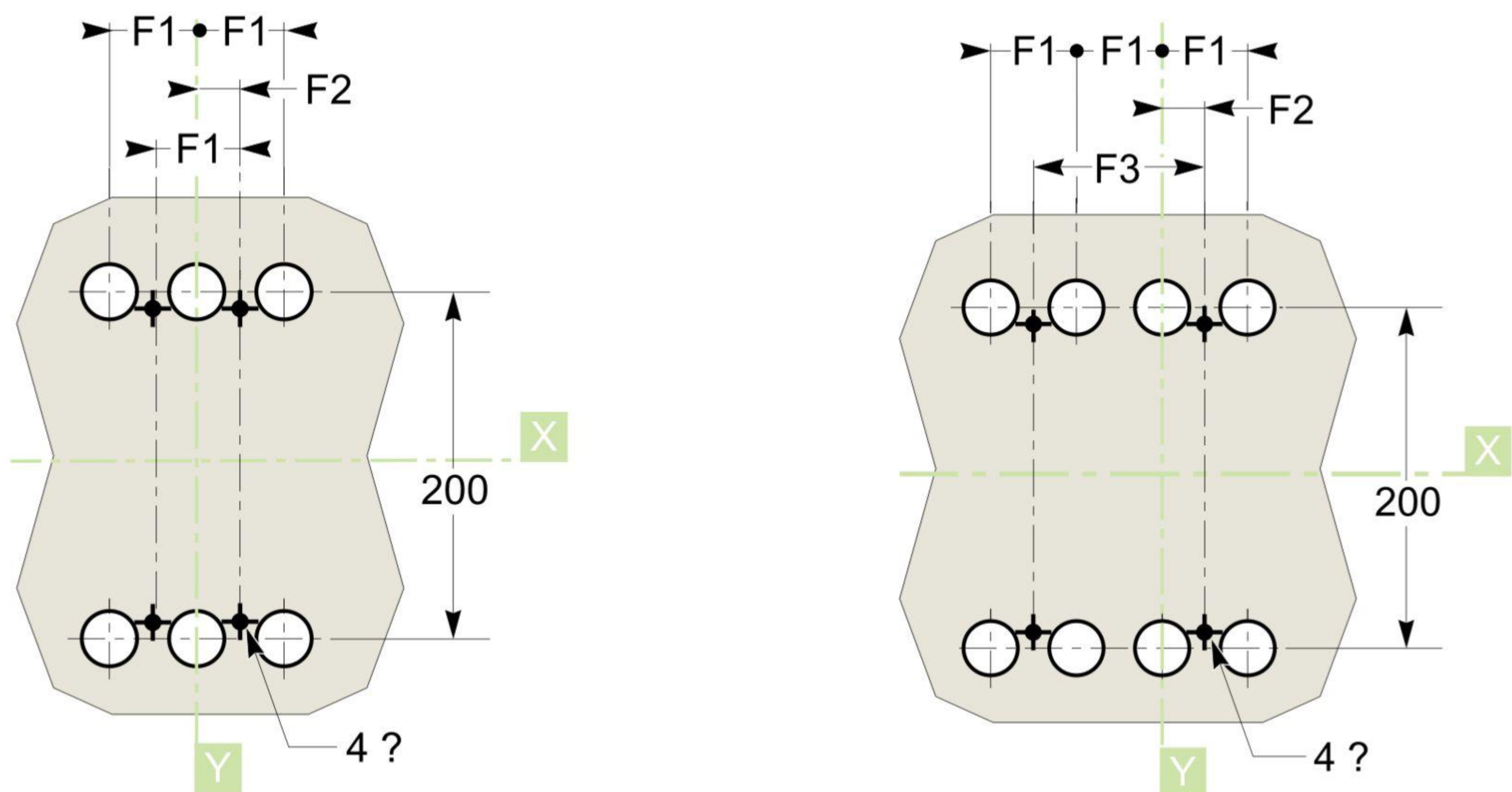


Mounting on plate

On backplate

3P

4P

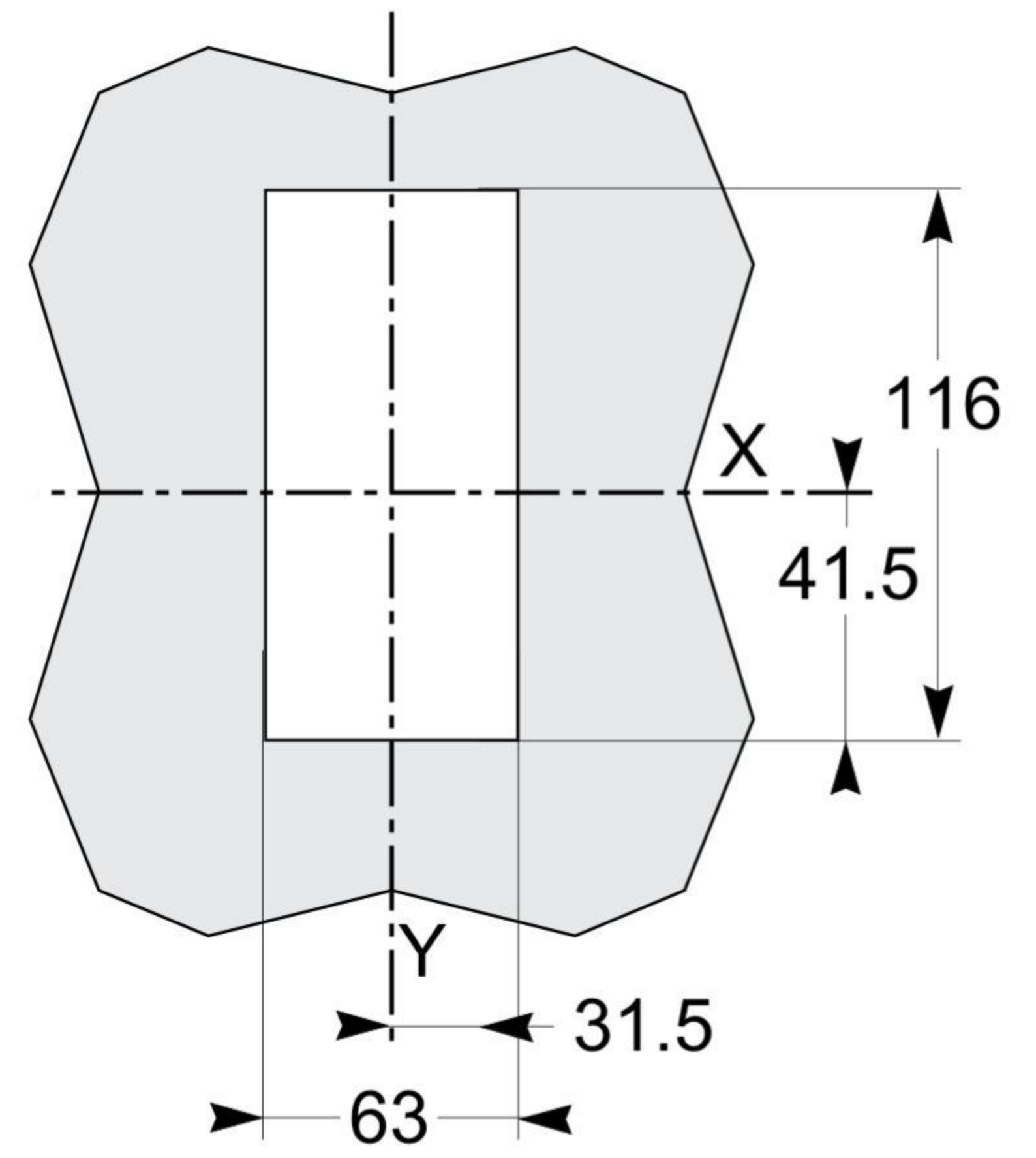
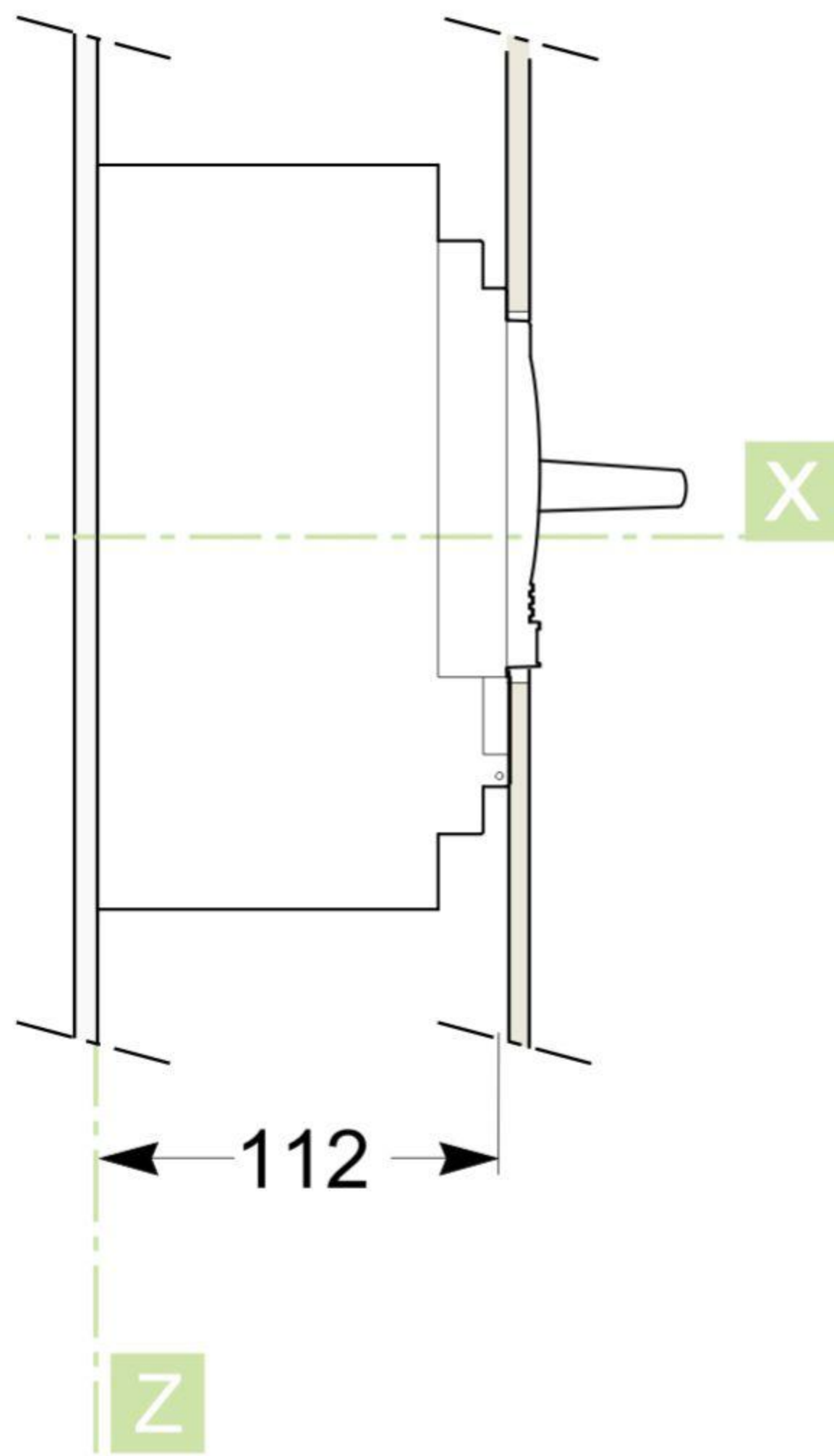


(1)

A	A1	B	B1	B2	F1	F2	F3
127.5	255	70	140	185	45	22.5	90

Bare sheet metal

For toggle



For toggle with access to trip unit

