

XT1B 160 TMD 63-630 3p F F



Products Low Voltage Products and Systems Circuit Breakers Moulded Case Circuit Breakers Tmax XT

General Information

Extended Product Type:	XT1B 160 TMD 63-630 3p F F
Product ID:	1SDA066805R1
EAN:	8015644694470
Catalog Description:	XT1B 160 TMD 63-630 3p F F
Long Description:	C.BREAKER TMAX XT1B 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THER MOMAGNETIC RELEASE TMD R 63-630 A

Additional Information

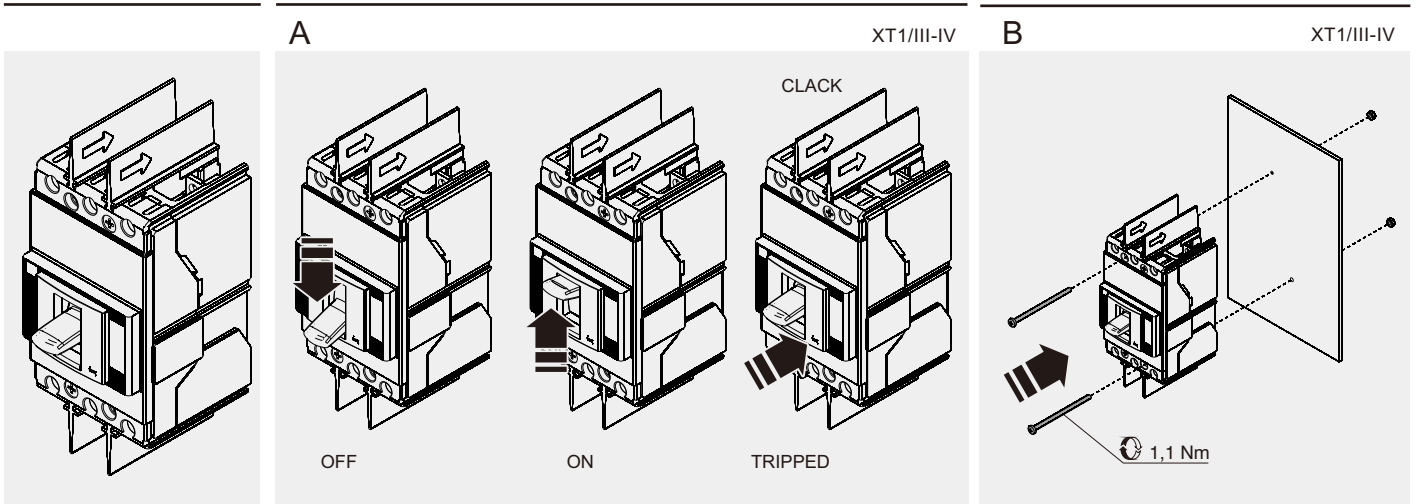
Circuit Breaker Type to be Associated:	Power distribution
Country of Origin:	Italy (IT)
Customs Tariff Number:	85362090
Data Sheet, Technical Information:	1SDC210033D0201
Declaration of Conformity - CE:	1SDL000165R0009
EAN:	8015644694470
EPLAN Catalog Tree:	Electrical engineering / Power switchgear / General
ETIM 4:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 5:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 6:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
Electrical Durability:	120 cycles per hour 8000 cycle
Environmental Information:	1SDL000186R0
GL Certificate:	1SDL000163R0103
Instructions and Manuals:	1SDH000719R0001
Invoice Description:	XT1B 160 TMD 63-630 3p F F
LR Certificate:	1SDL000163R0100
Mechanical Durability:	Nr. Operations 240 cycles per hour Nr. Operations 25000 cycle
Minimum Order Quantity:	1 piece
Number of Poles:	3
Object Classification Code:	Q
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms
Package Level 1 EAN:	8015644694470
Package Level 1 Gross Weight:	1.1 kg
Package Level 1 Height:	135 mm
Package Level 1 Length:	143 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	128 mm
Power Loss:	at Rated Operating Conditions per Pole 4.3 W
Product Main Type:	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker
Product Net Depth:	70 mm
Product Net Height:	130 mm
Product Net Weight:	1.1 kg
Product Net Width:	76.2 mm
Product Type:	CB

Rated Current (I_n):	63 A
Rated Frequency (f):	50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp}):	8 kV
Rated Insulation Voltage (U_i):	800 V
Rated Operational Voltage:	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 25 kA (220 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11,25 kA (500 V AC) 8 kA (690 V AC) 3 kA
Rated Short-Circuit Making Capacity (I_{cm}):	(220 V AC) 52.5 kA (230 V AC) 52.5 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 13.6 kA (690 V AC) 4.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I_u):	160 A
Rated Voltage (U_r):	690 V
Release:	TMD
Release Type:	TM
Selectivity Category:	A
Selling Unit of Measure:	piece
Short Description:	XT1B 160 TMD 63-630 3p F F
Short-Circuit Performance Level:	B
Size:	XT1B
Standards:	IEC 60947
Sub-type:	XT1
Suitable for Isolation:	Yes
Terminal Connection Type:	Fixed Circuit-Breakers Front
Version:	F



SACE Tmax XT

Istruzioni di installazione XT1
 Installation instructions XT1
 Installationsanleitung XT1
 Instructions pour l'installation XT1
 Instrucciones de instalación XT1
 安装说明书 XT1



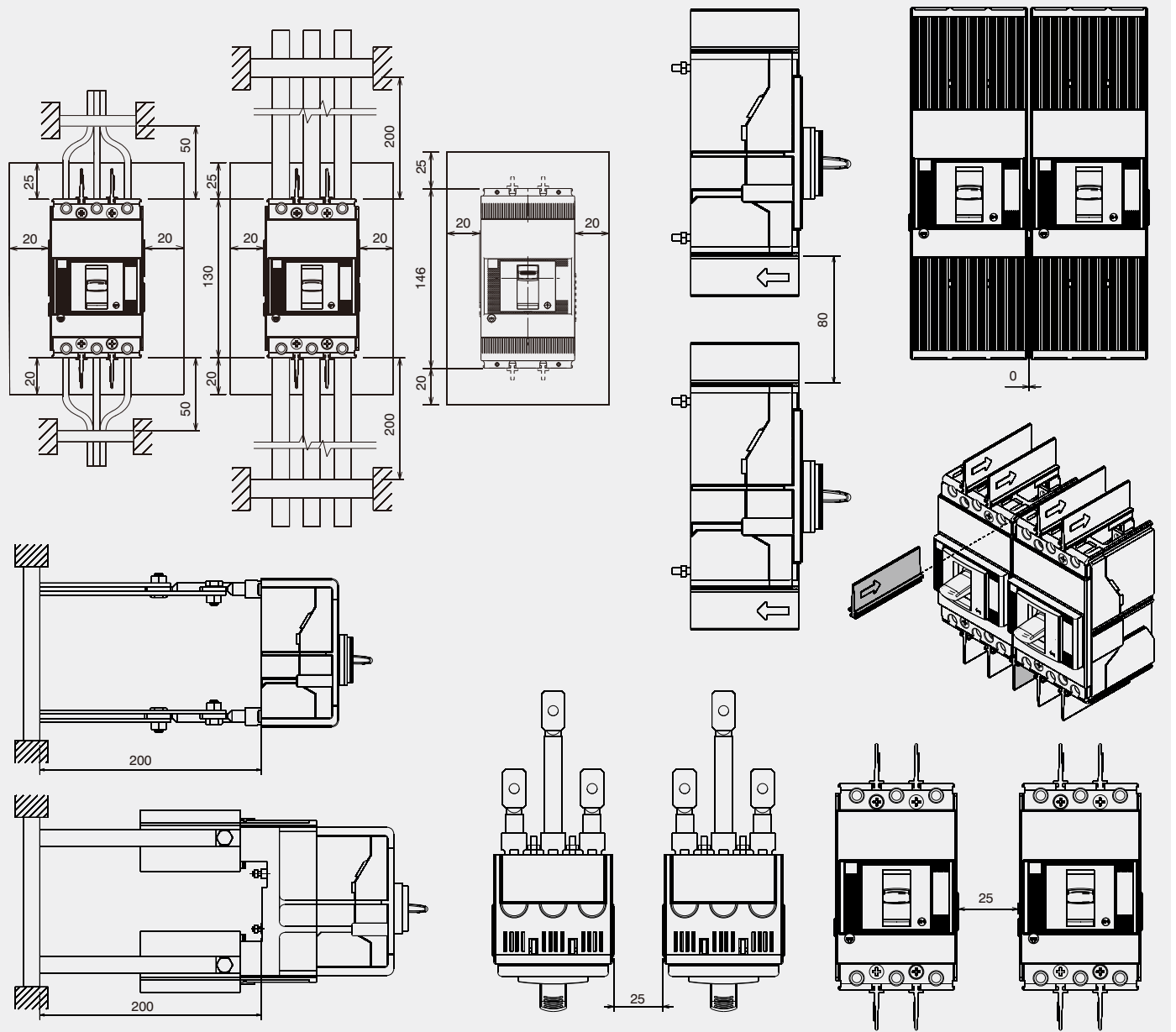
C XT1/III-IV

Usare cavi o barre isolate/ o eseguire prove di tipo specifiche sull' installazione.
 Use cable or insulated busbars/ or performspecific type test on the installation.
 Kabel oder isolierte Sammelschienen verwenden / oder die spezifische Typprüfung bei der Installation durchführen.
 Utiliser un câble ou des barres isolées/ ou réaliserun test de type spécifique sur installation.
 Utilizar un cable o barras aisladas / o efectuaruna prueba de tipo específico sobre instalación.
 使用电缆或经绝缘处理的母排， 否则需对安装进行指定的型式试验

L'utilizzo di barre non isolate con $U_e \leq 480V$ prevede il montaggio obbligatorio di coprimermini HTC.
 The use of not insulated busbars with $U_e \leq 480V$ involves the mandatory assembly of terminal-covers HTC.
 Die Benutzung von nicht isolierten Sammelschienen mit $U_e \leq 480V$ sieht die obligatorisch Montage von der Klemmenabdeckung HTC vor.
 L'utilisation de barres non isolées avec $U_e \leq 480V$ prévoit le montage obligatoire du cache-bornes HTC.
 La utilización de barras no aisladas con $U_e \leq 480V$ prevé el montaje obligatorio de cubre-bornes HTC.
 使用不绝缘母线必须安装高端子盖板HTC。

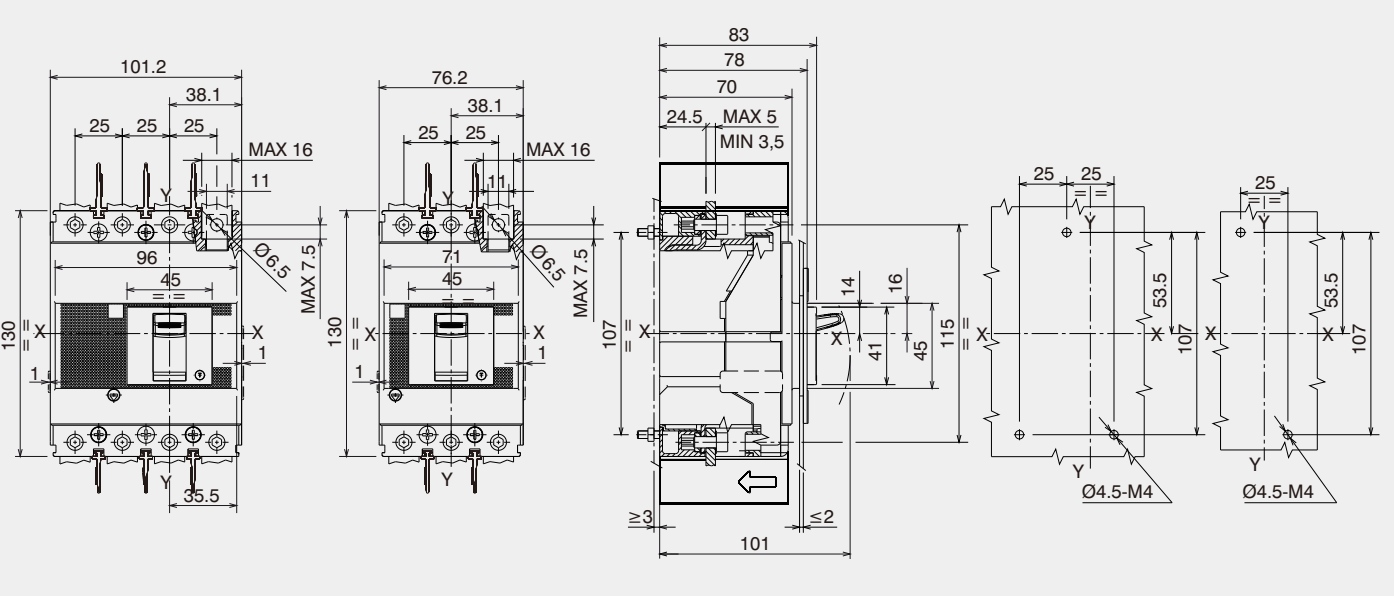
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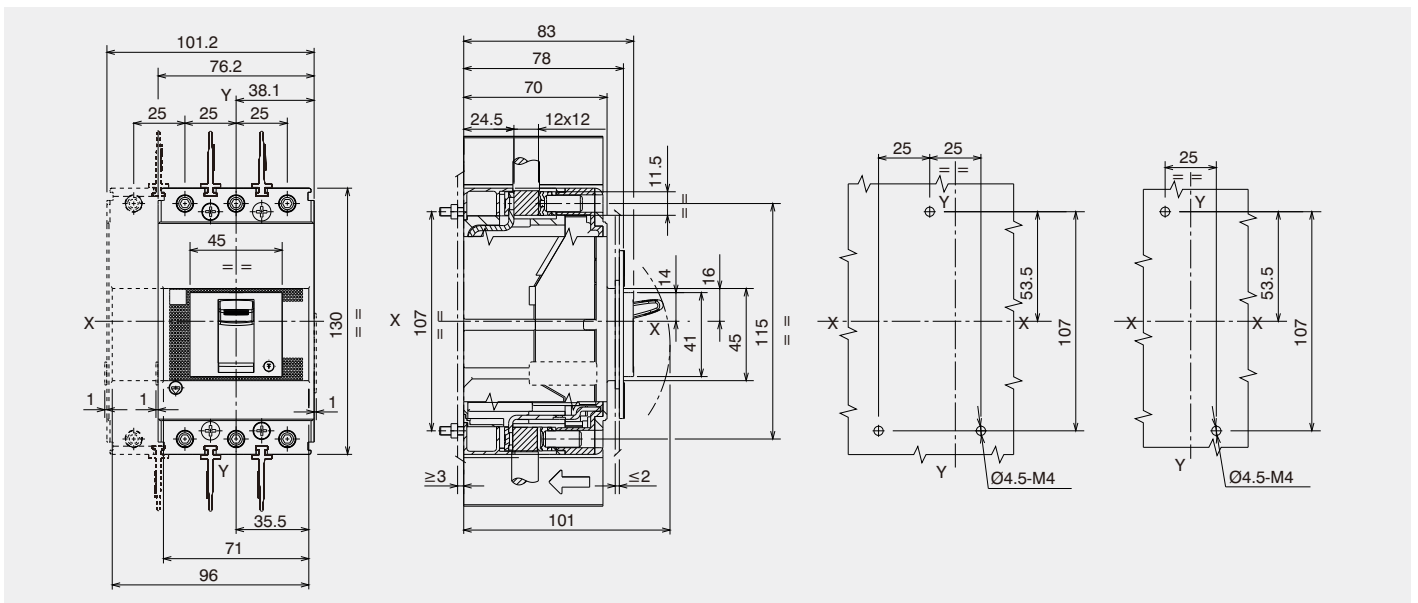
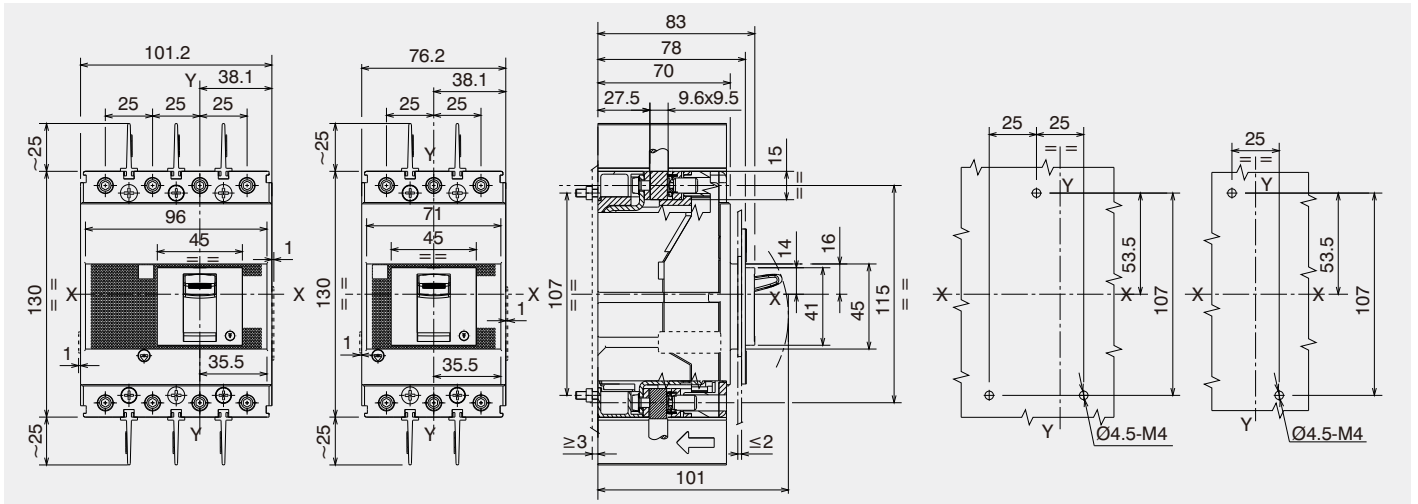
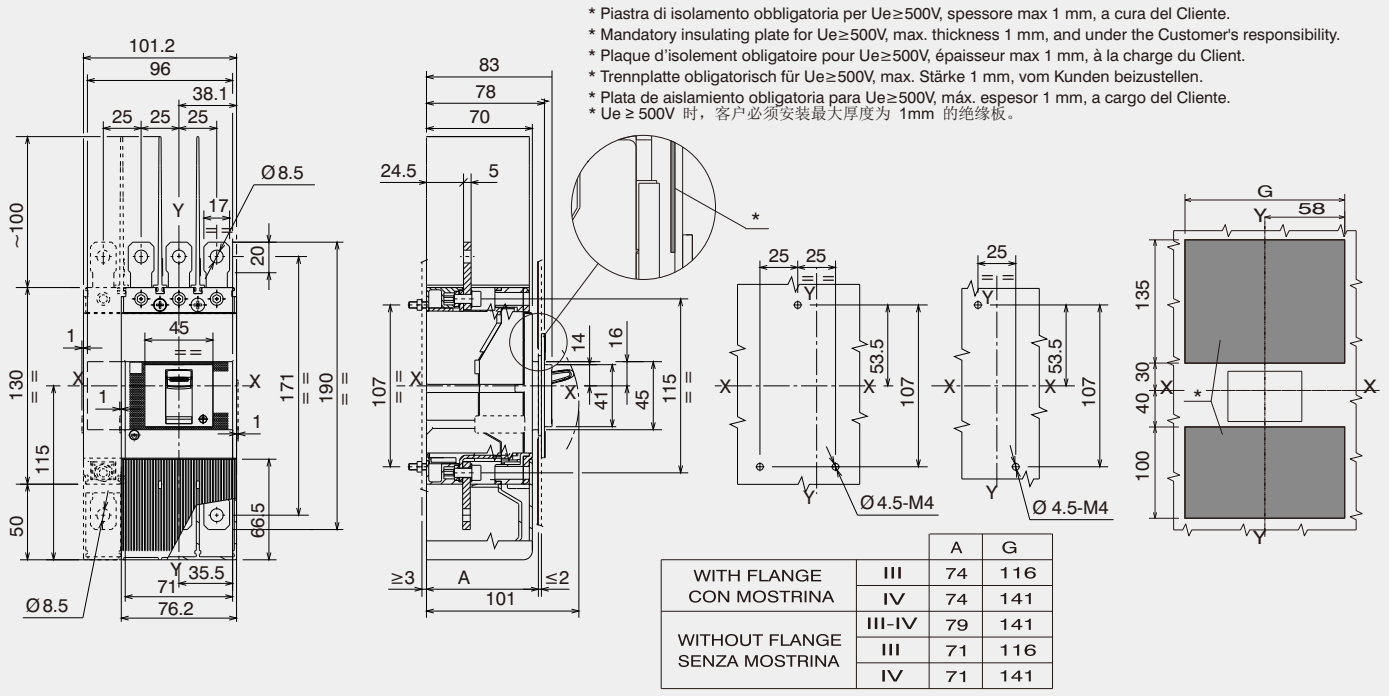
XT1/III-IV



E

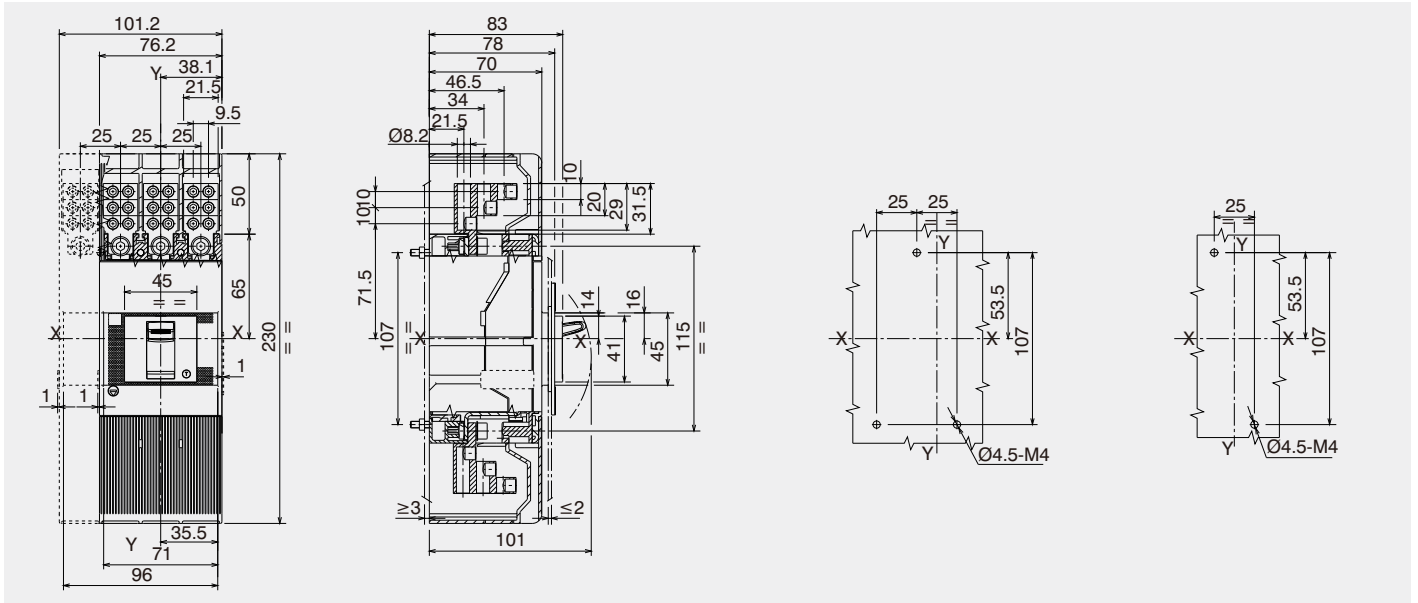
XT1-F/III-IV/F





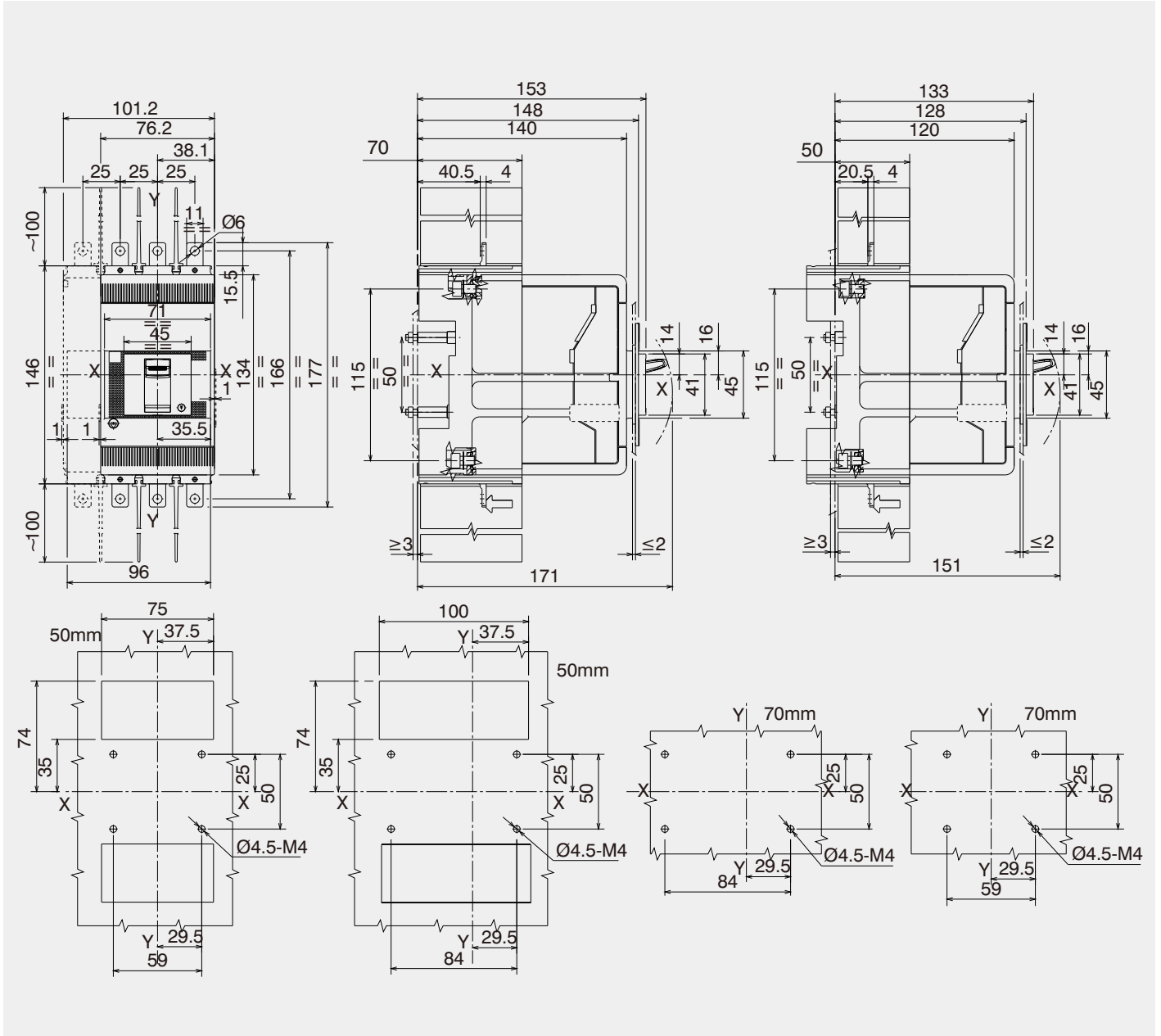
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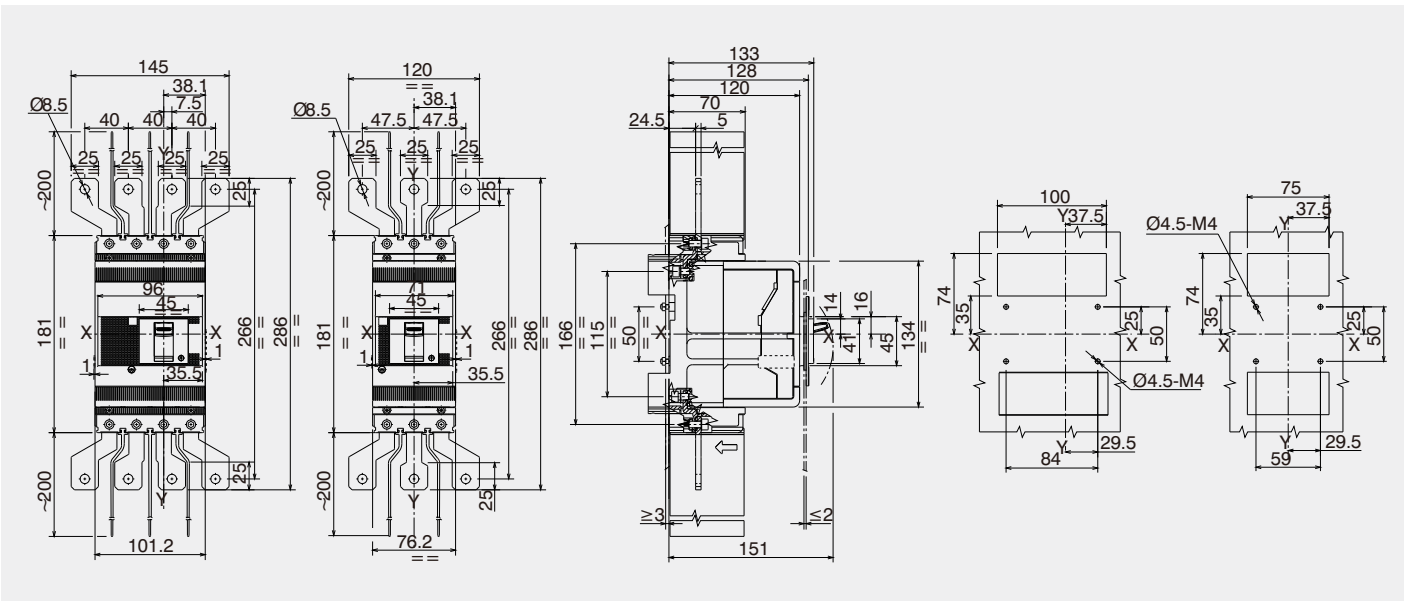
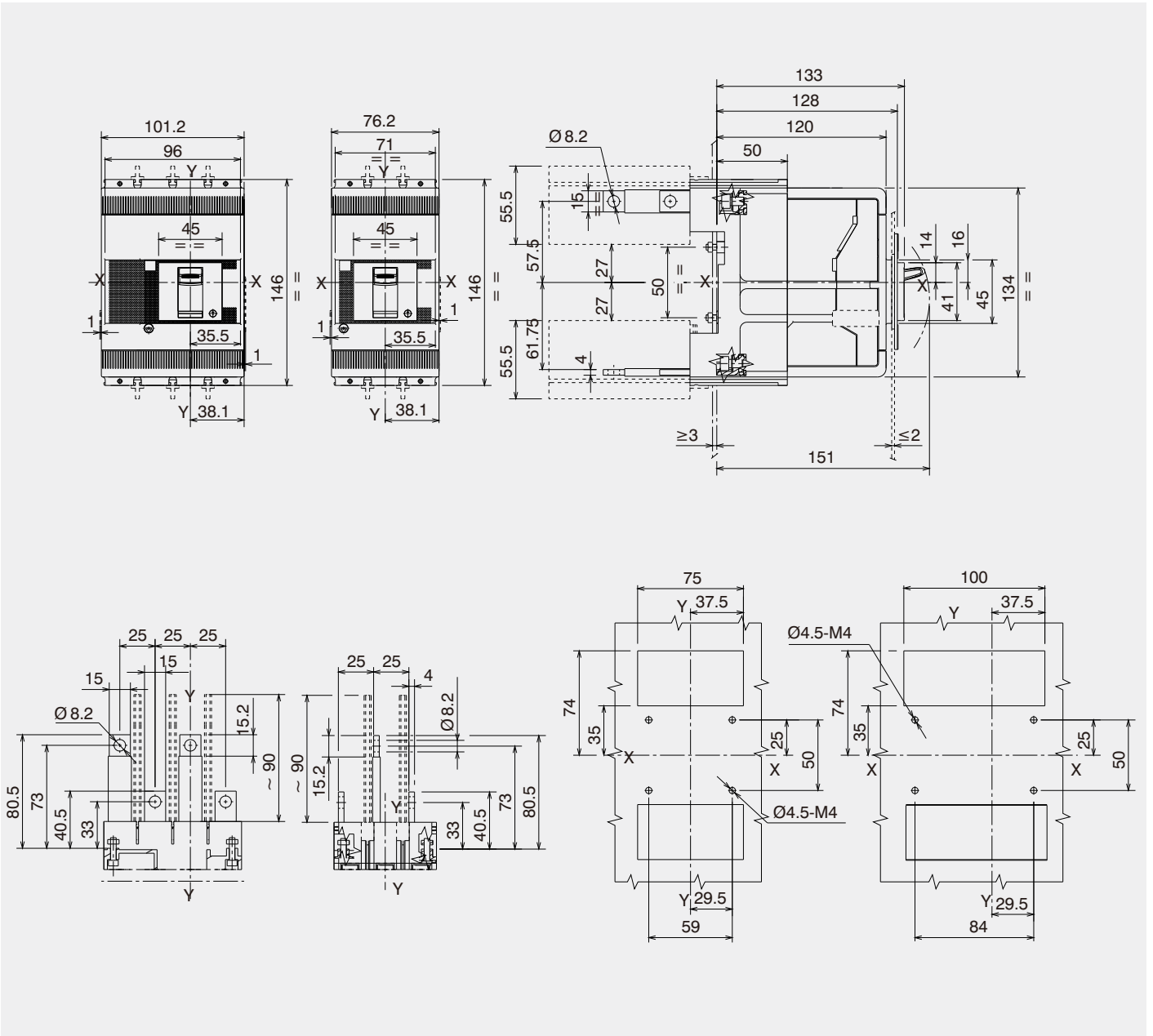
XT1-F/III-IV/Mc



M

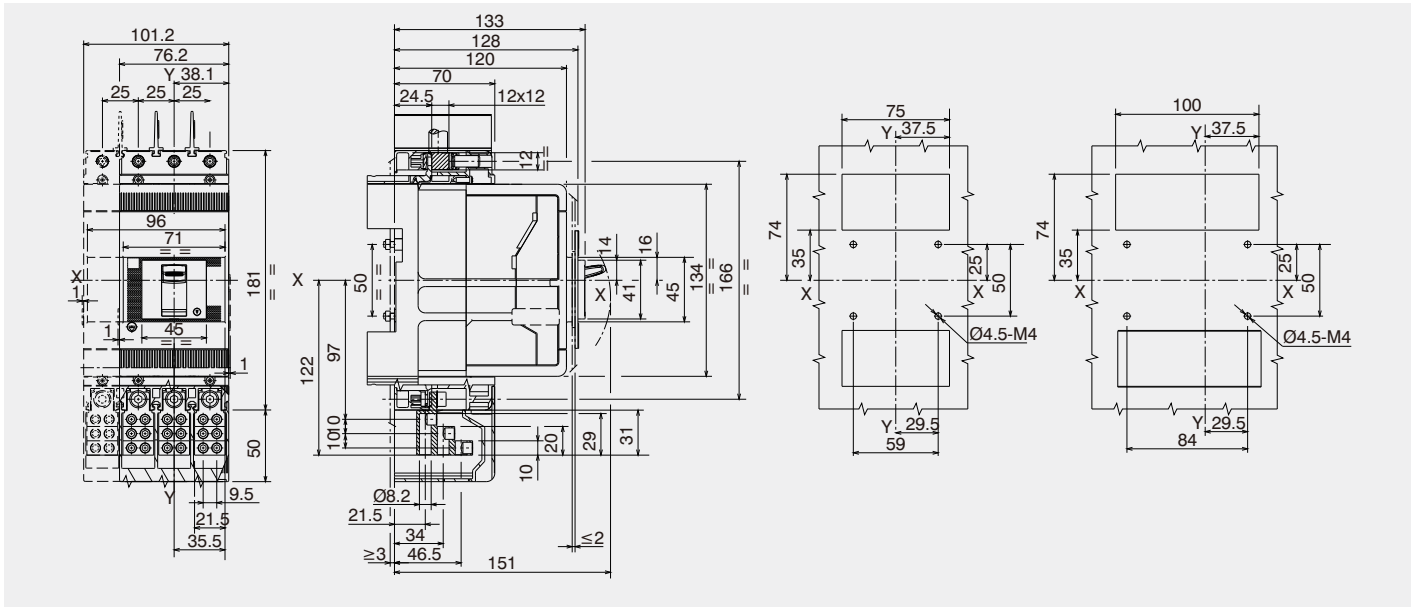
XT1-P/III-IV/EF





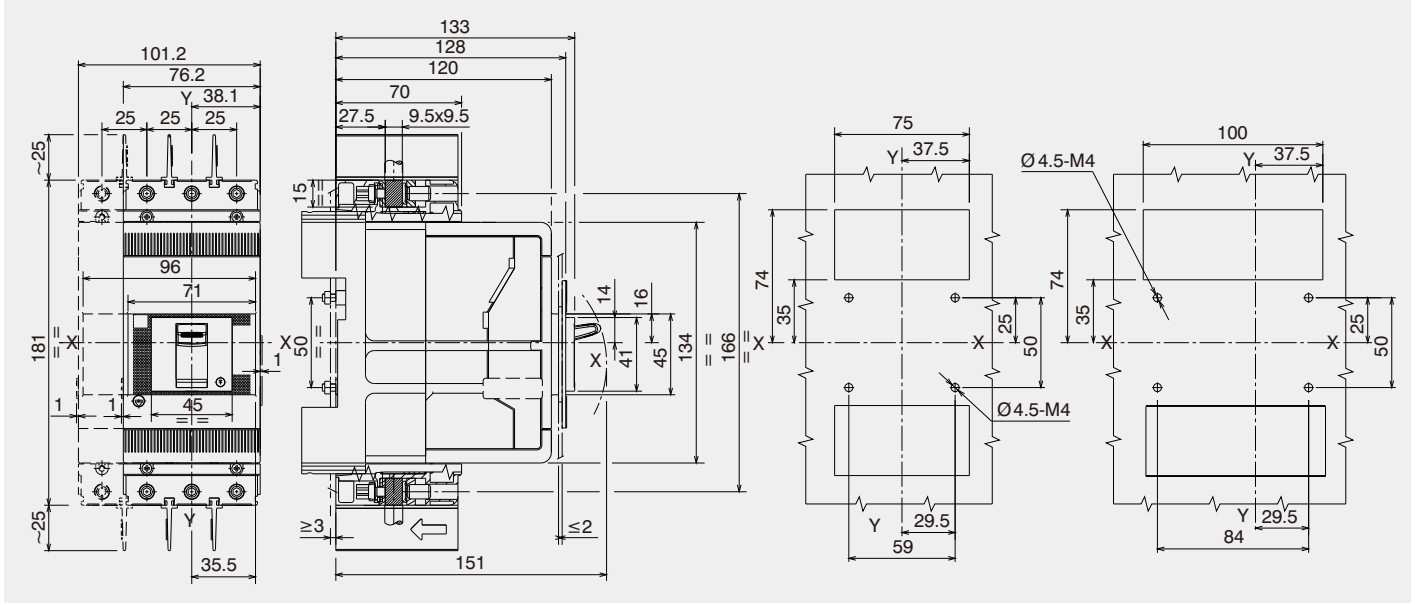
P

XT1-P/III-IV/Fc Cu/MC



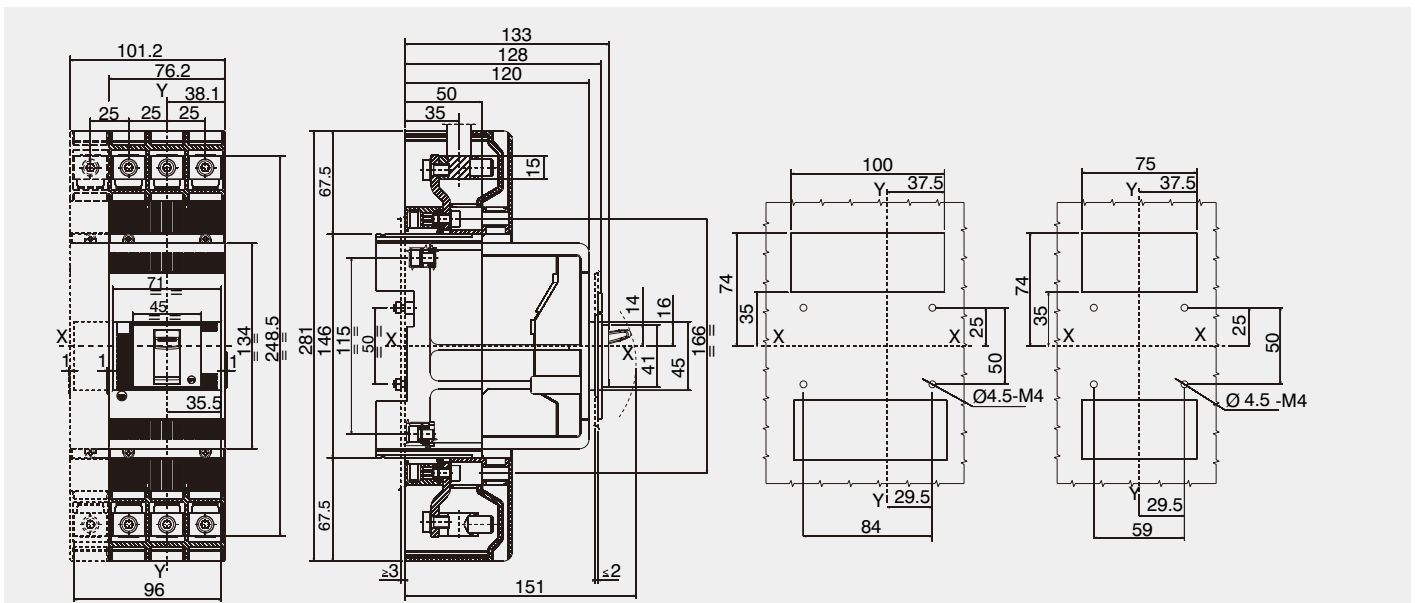
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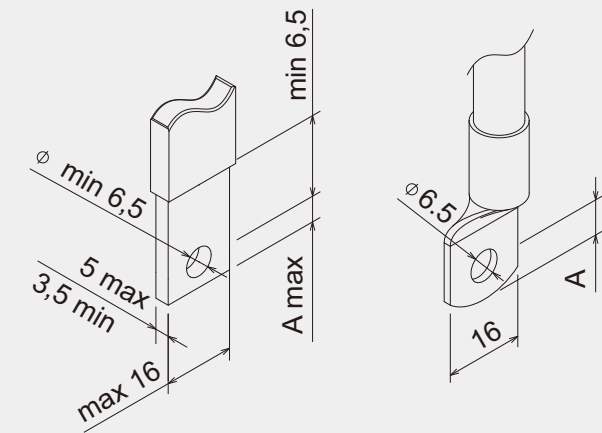
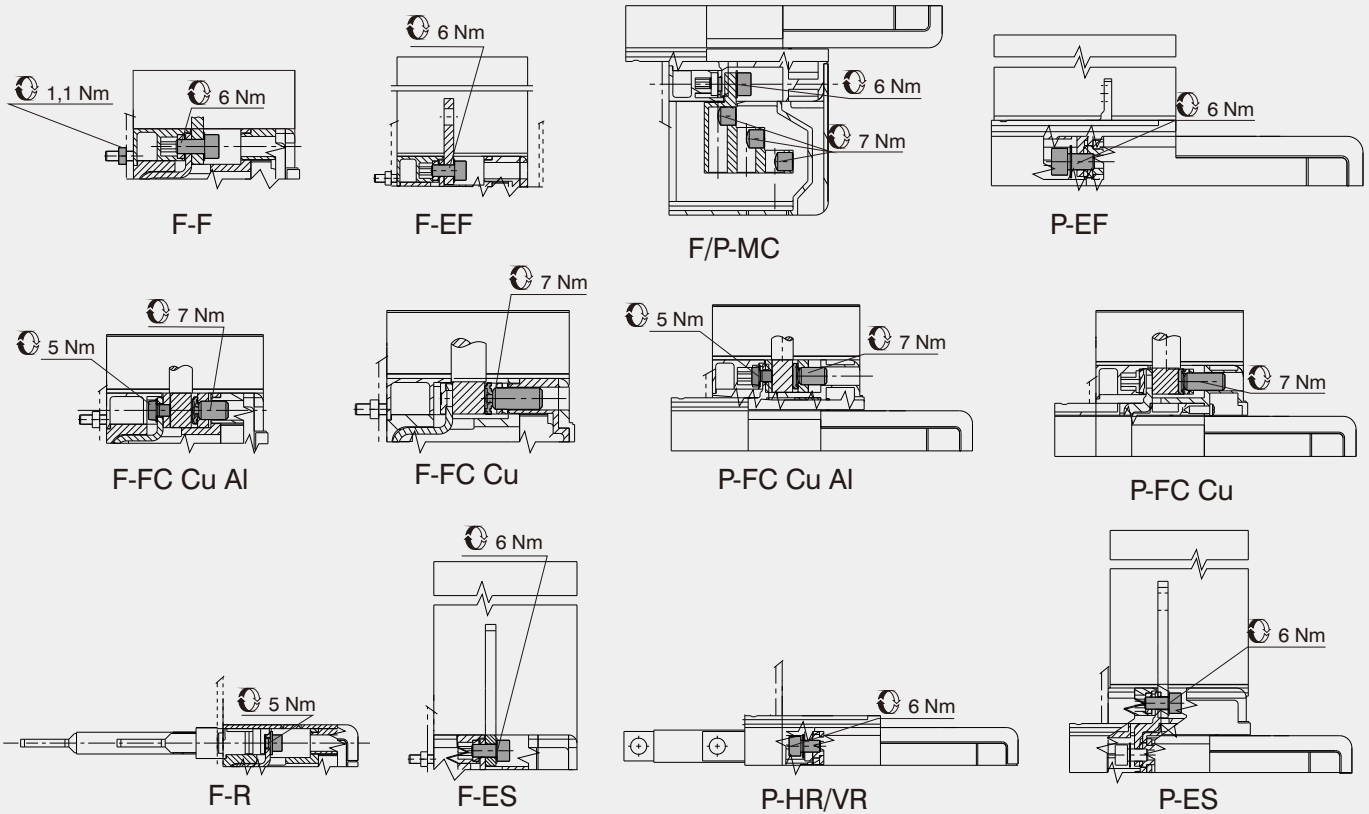
XT1-P/III-IV/Fc-CuAl



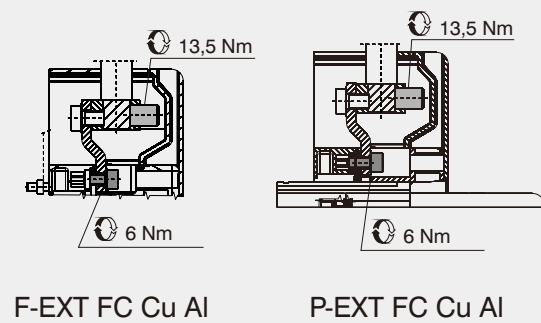
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XT1-P/III-IV/Fc-CuAl EXT

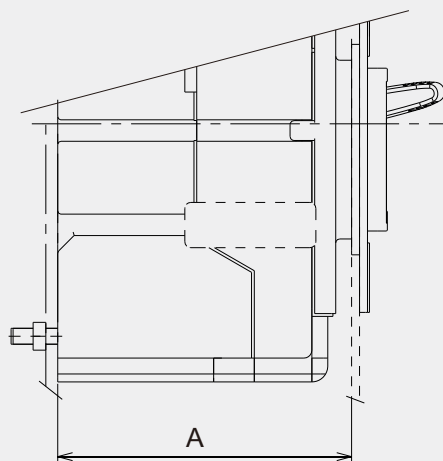
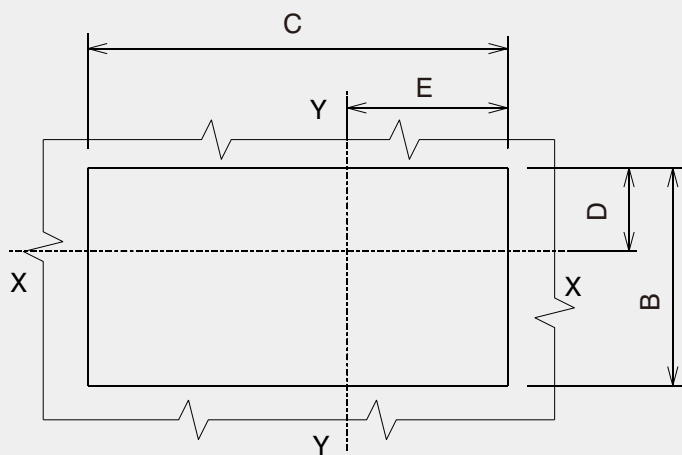
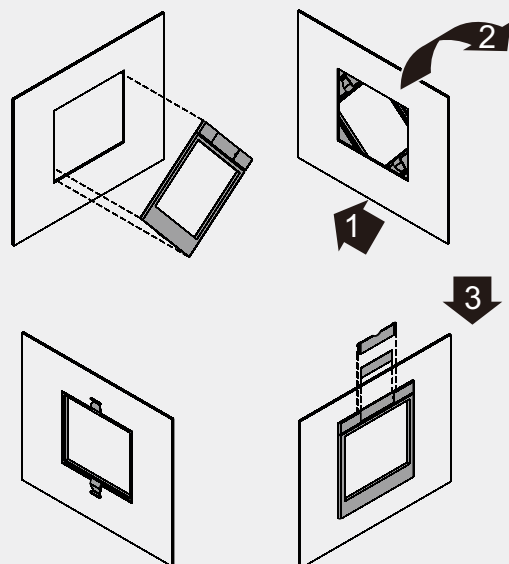




	A
MCCB	7,5
MCP	6

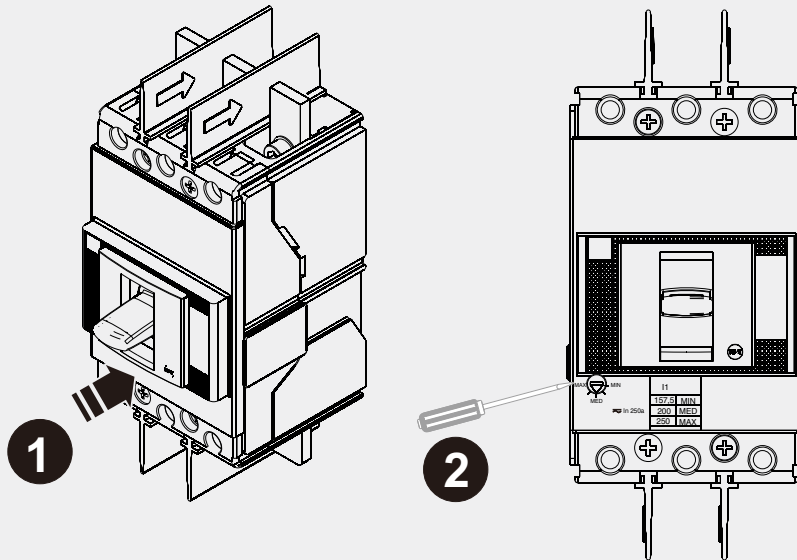


		FC Cu		FC CuAl		Mc		FC CuAl Ext	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
Stranded		70 mm ²	2,5 mm ²	50 mm ²	1,5 mm ²	35 mm ²	2,5 mm ²	95 mm ²	35 mm ²
Flexible		50 mm ²	2,5 mm ²	50 mm ²	1,5 mm ²	25 mm ²	2,5 mm ²		



XT1 WITH FLANGE CON MOSTRINA		A		B	C	D	E	
		F	P					
		50mm	70mm					
	III	74	124	144	55	81	21	40,5
	IV	74	124	144	55	106	21	40,5
	OPTIONAL FLANGE III-IV	79	129	149	73	57	30	28,5

XT1 WITHOUT FLANGE SENZA MOSTRINA		A		B	C	D	E	
		F	P					
		50mm	70mm					
	III-IV	79	129	149	43	47	15	23,5
	III	71	121	141	47	73	17	36,5
	IV	71	121	141	47	98	17	36,5



	In	I1		
		MIN (0,7xIn)	MED (0,85xIn)	MAX (1xIn)
TMD	16	11,2	13,6	16,0
	20	14	17	20
	25	17,5	21,3	25
	32	22,4	27,2	32
	40	28	34	40
	50	35	42,5	50
	63	44,1	53,6	63
	80	56	68	80
	100	70	85	100
	125	87,5	106,3	125
	160	112	136	160

		In	I1	I3
TMF	Fixed	16	16	450
	Fixed	20	20	450

E'obbligatorio mettere l'interruttore in posizione Trip test prima di regolare il termomagnetico.

It is mandatory to turn the circuit breaker to Trip test mode before adjusting the thermomagnetic release.

Der Leistungsschalter muss vor Einstellung des thermomagnetischen Auslösers zwingend in die Prüfstellung geschaltet werden.

Il est obligatoire de mettre le disjoncteur en position de Test de Déclenchement avant de régler le déclencheur magnétothermique.

Es obligatorio situar el interruptor en posición "Test de Disparo" antes de realizar el ajuste del relé termomagnético.

调整热磁脱扣器前必须使开关处于跳扣状态