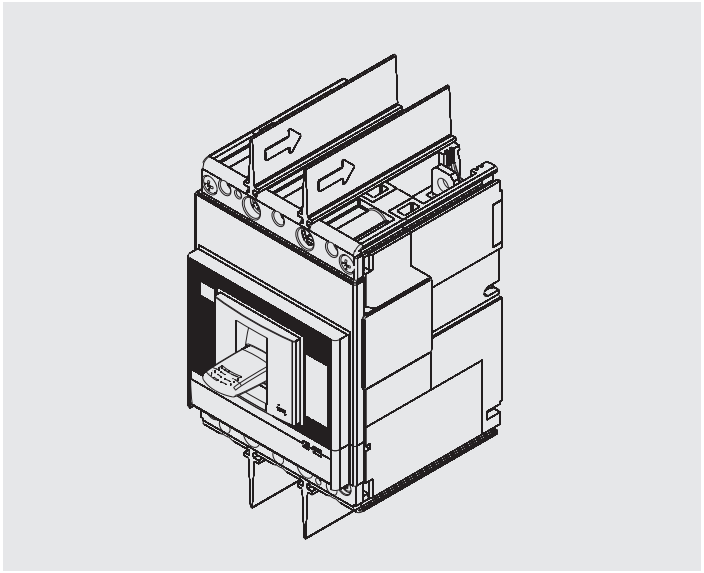
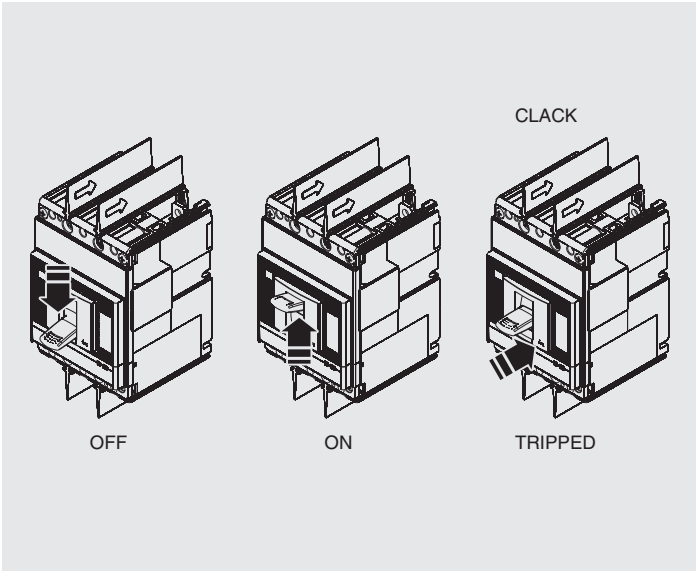
Doc. N.° 1SDH000721R0001 - L4099

SACE Tmax XT

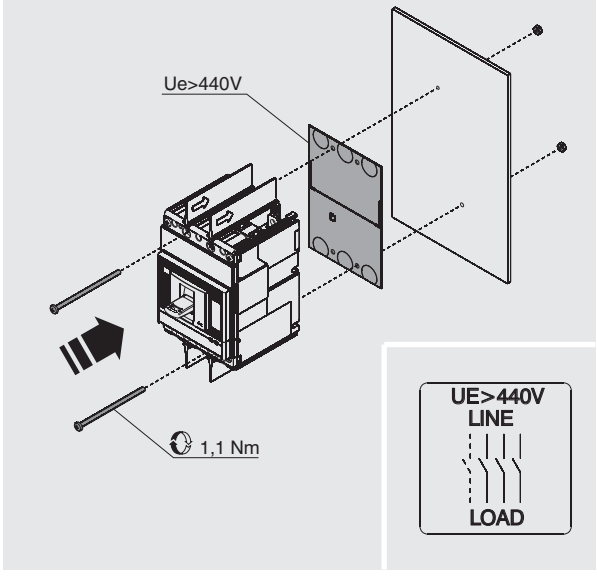
Istruzioni di installazione XT2
Installation instructions XT2
Installationsanleitung XT2
Instructions pour l'installation XT2
Instrucciones de instalación XT2



A XT2/III-IV



B XT2/III-IV



C XT2/III-IV

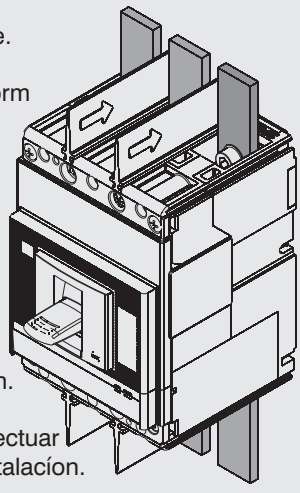
Usare cavi o barre isolate/ o eseguire prove di tipo specifiche sull' installazione.

Use cable or insulated busbars/ or perform specific type test on the installation.

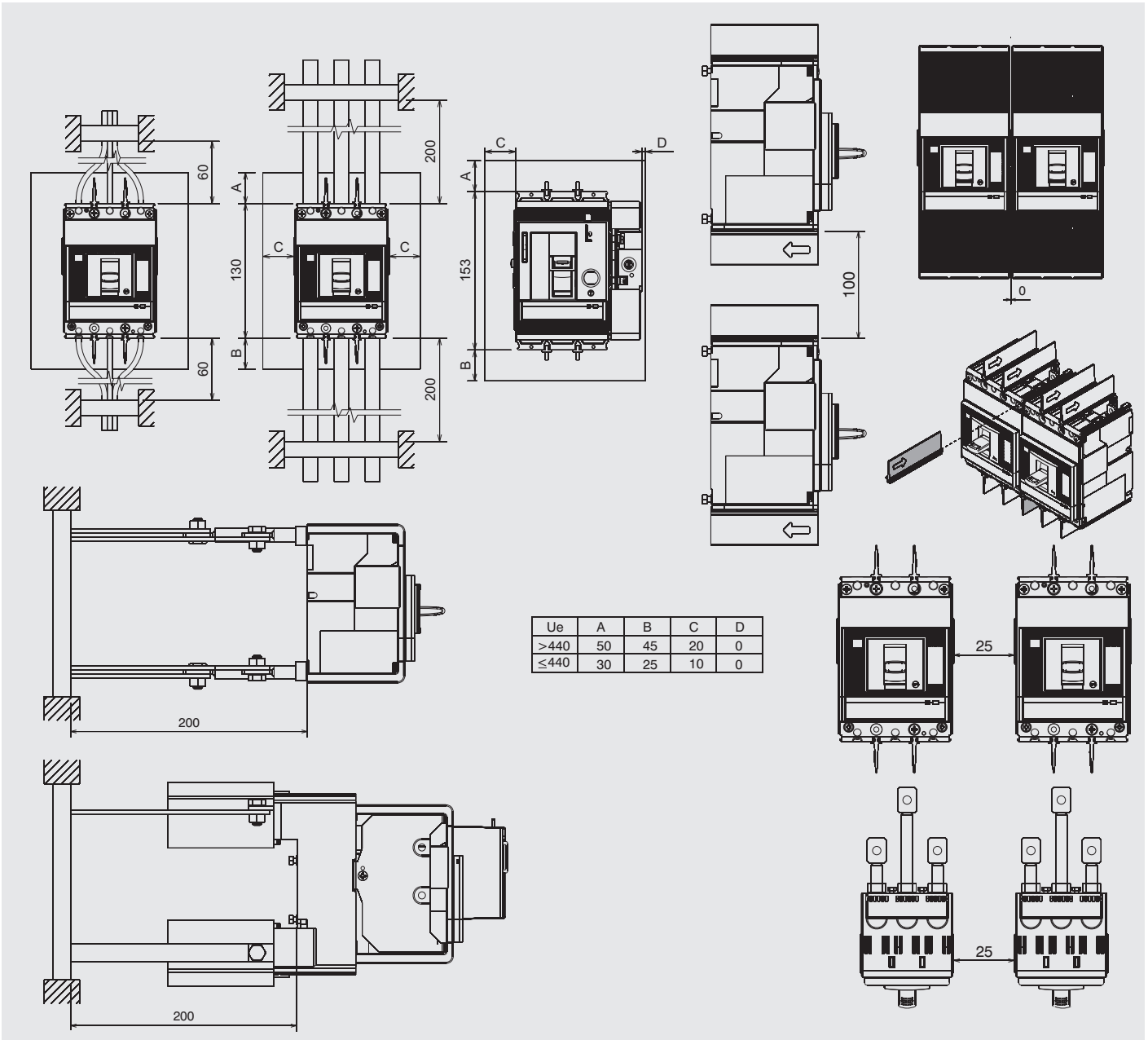
Kabel oder isolierte Sammelschienen verwenden / oder die spezifische Typprüfung auf derInstallation durchführen.

Utiliser un câble ou des barres isolées/ ou réaliser un test de type spécifique sur installation.

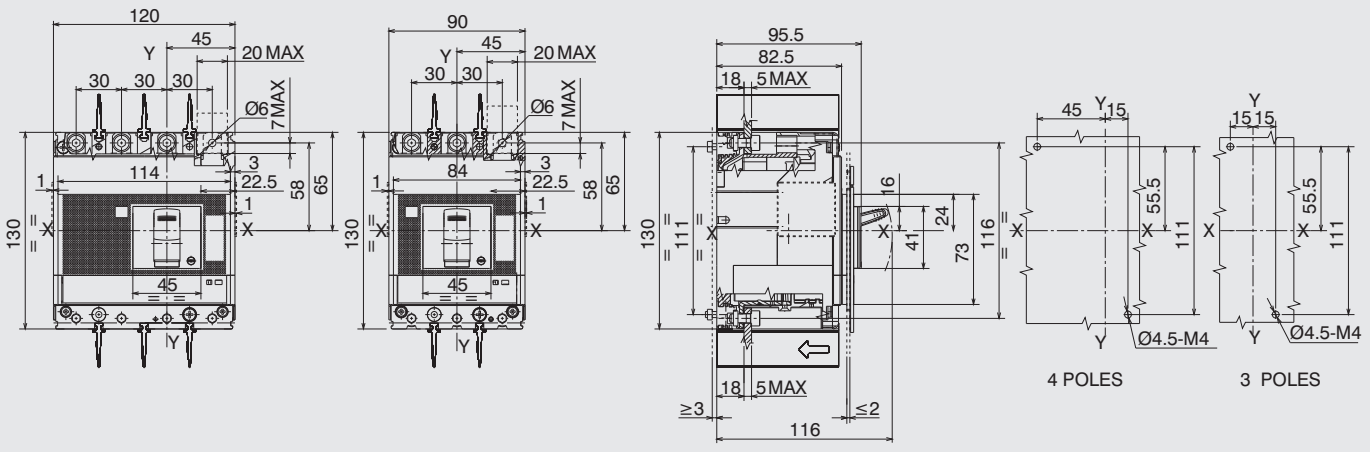
Utilizar un cable o barras aisladas / o efectuar una prueba de tipo específico sobre instalacíon.



Power and productivity for a better world™

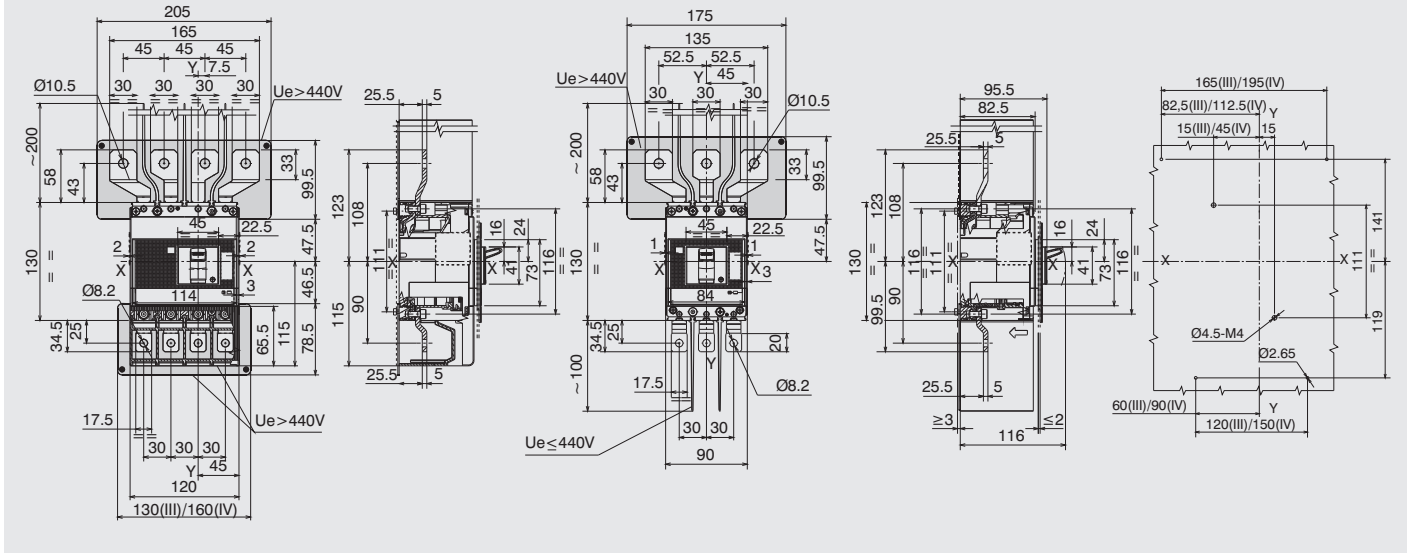


Ue	A	B	C	D
>440	50	45	20	0
≤440	30	25	10	0



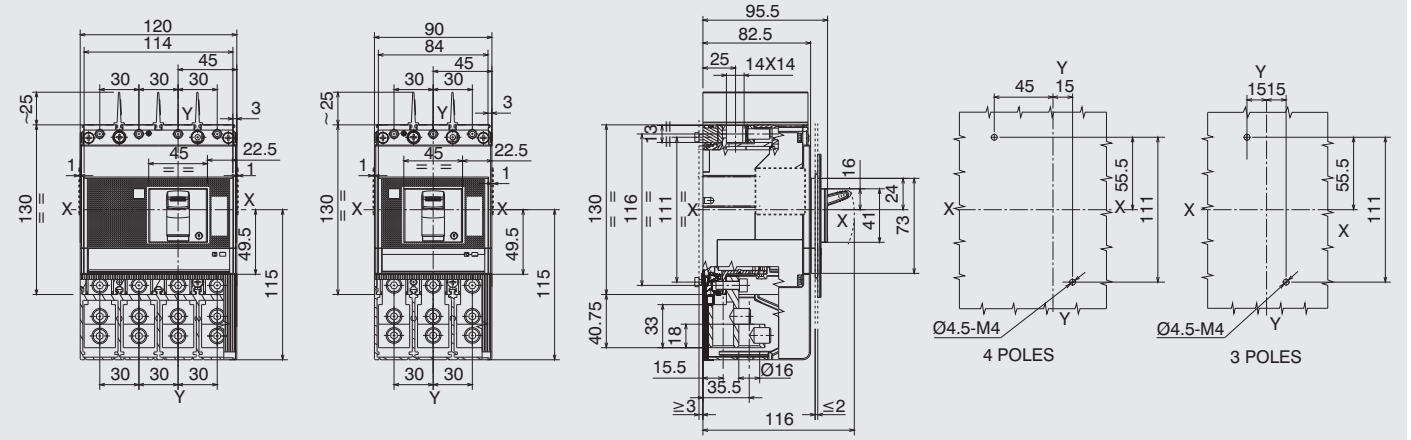
F

XT2-F/III-IV/EF-ES



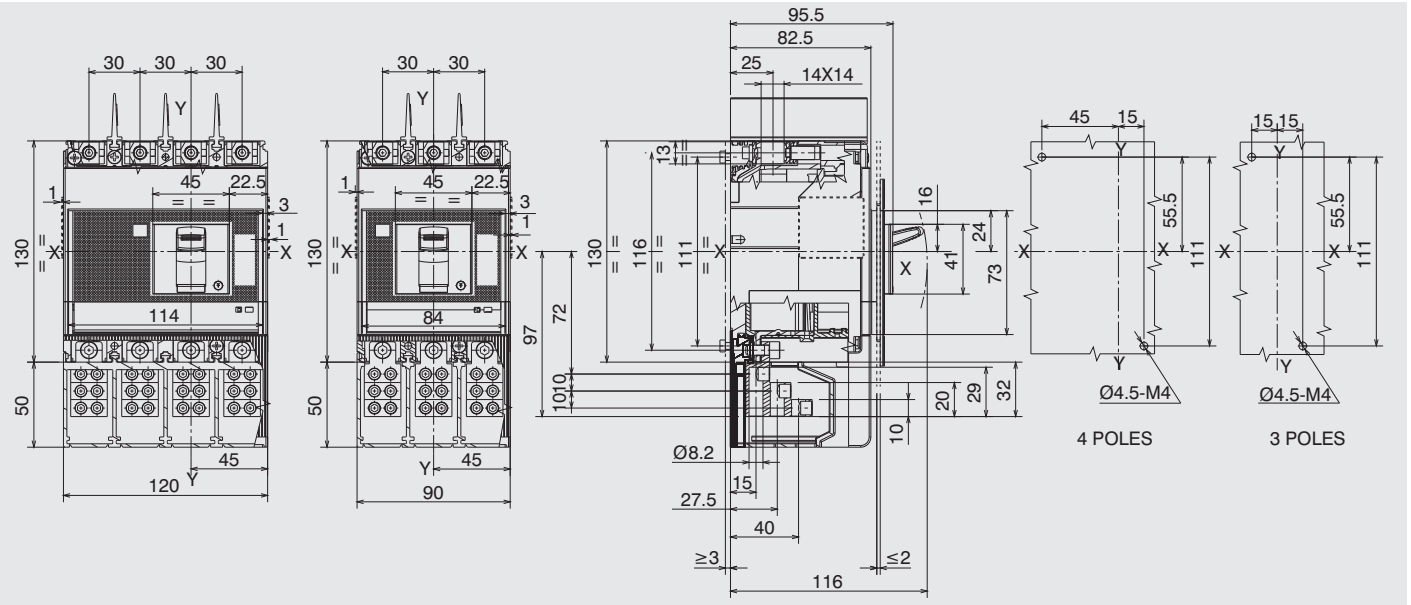
G

XT2-F/III-IV/Fc-Cu Al



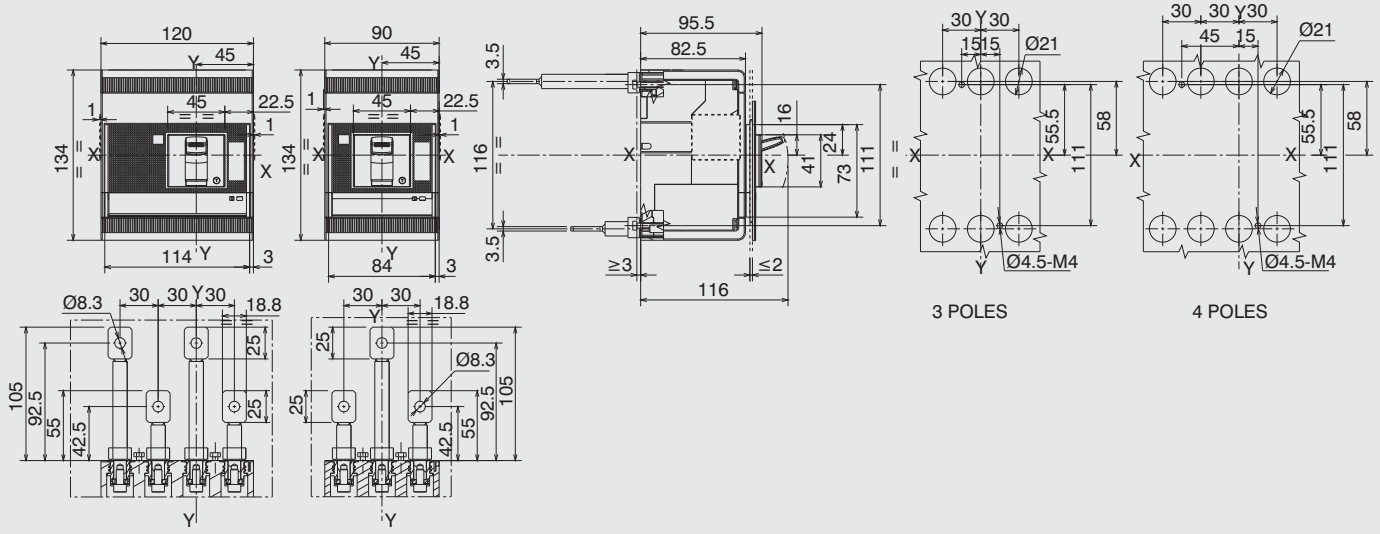
H

XT2-F/III-IV/Fc Cu-MC



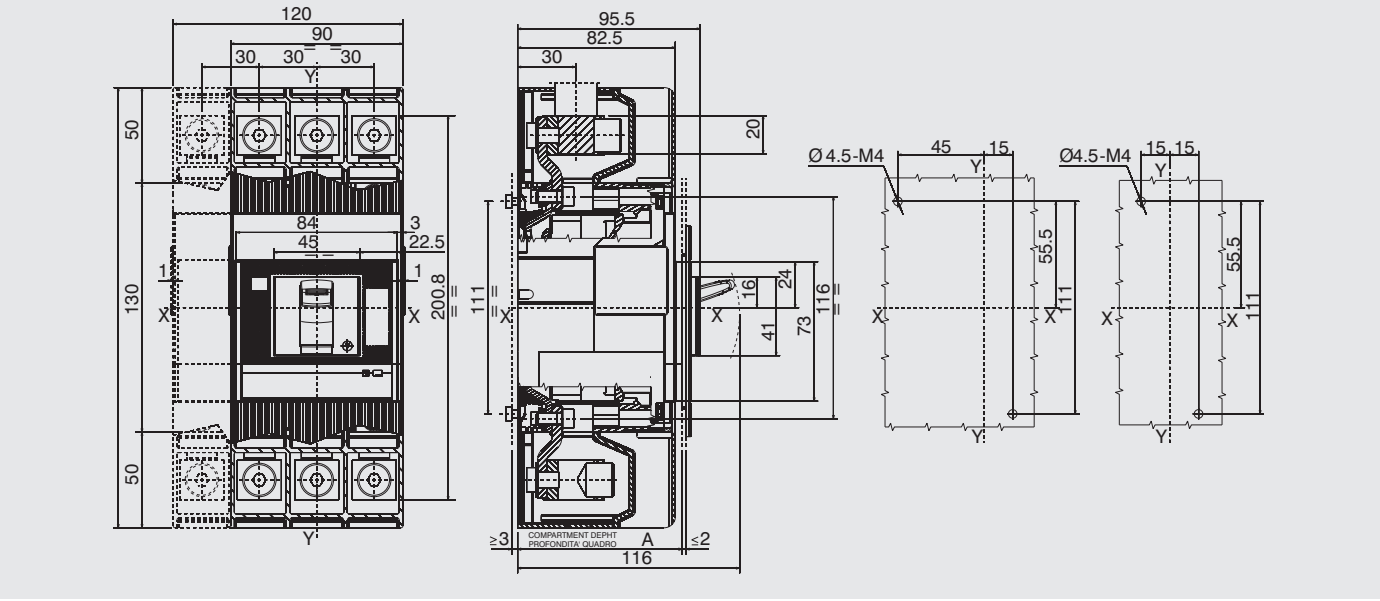
I

XT2-F/III-IV/R



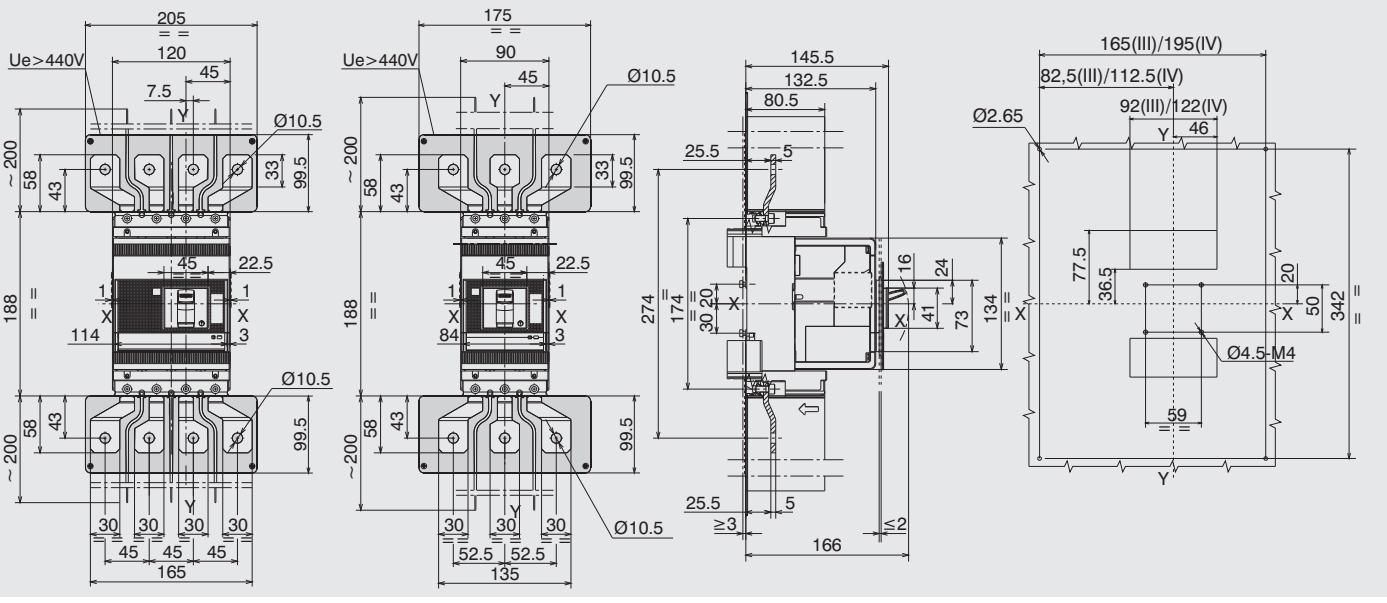
J

XT2-F/III-IV/Fc Cu-Al EST



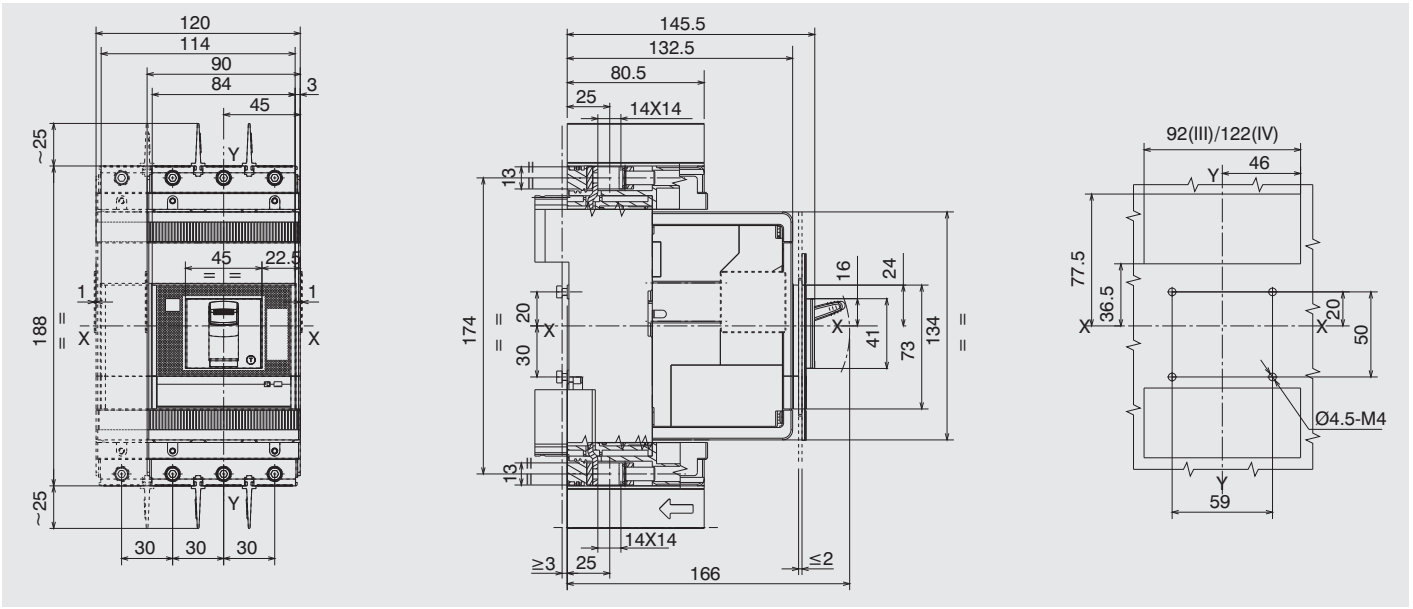
K

XT2-P/III-IV/ES



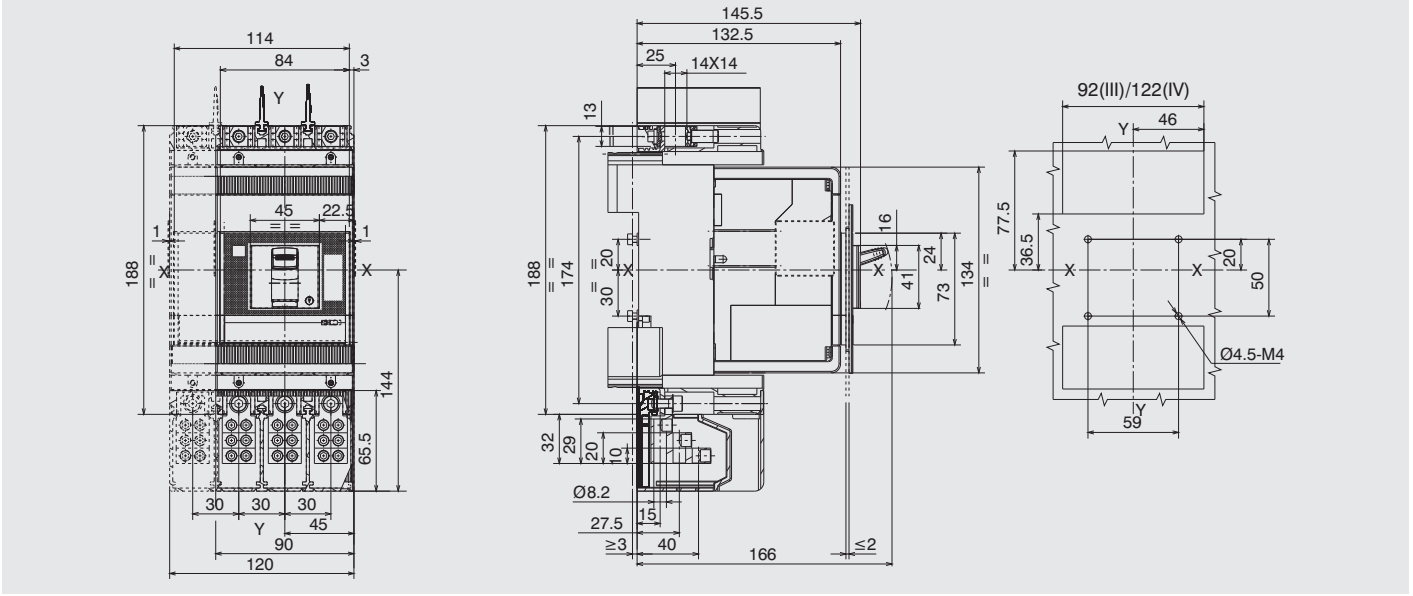
L

XT2-P/III-IV/Fc-Cu Al



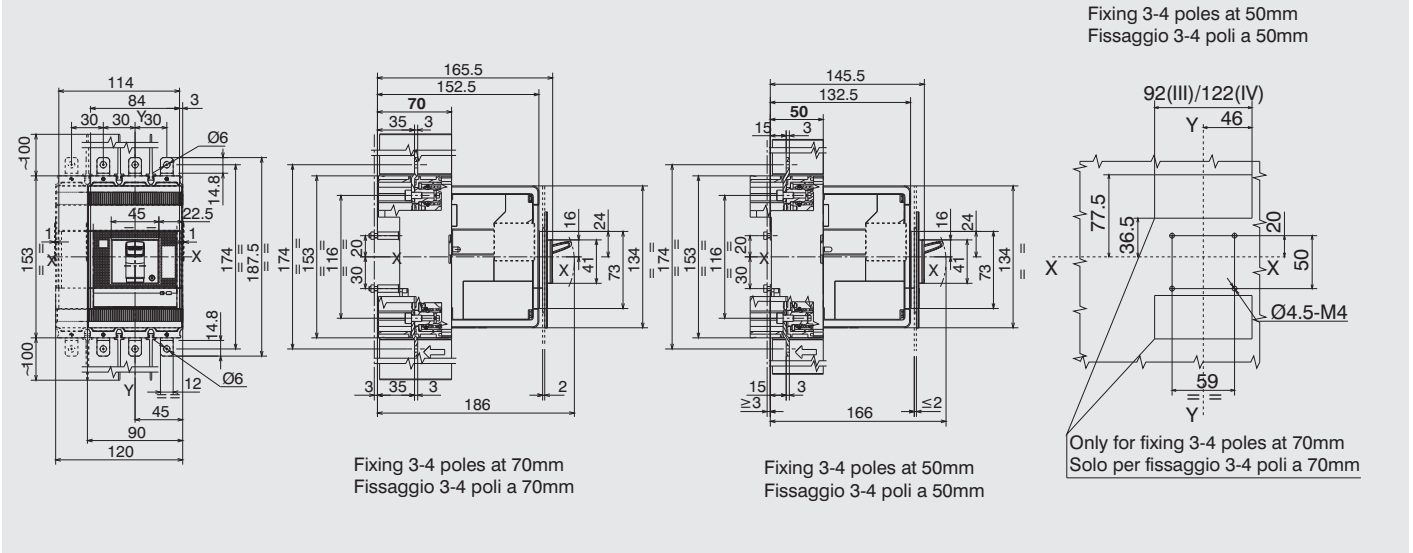
M

XT2-P/III-IV/Fc-Cu MC



N

XT2-P/III-IV/EF

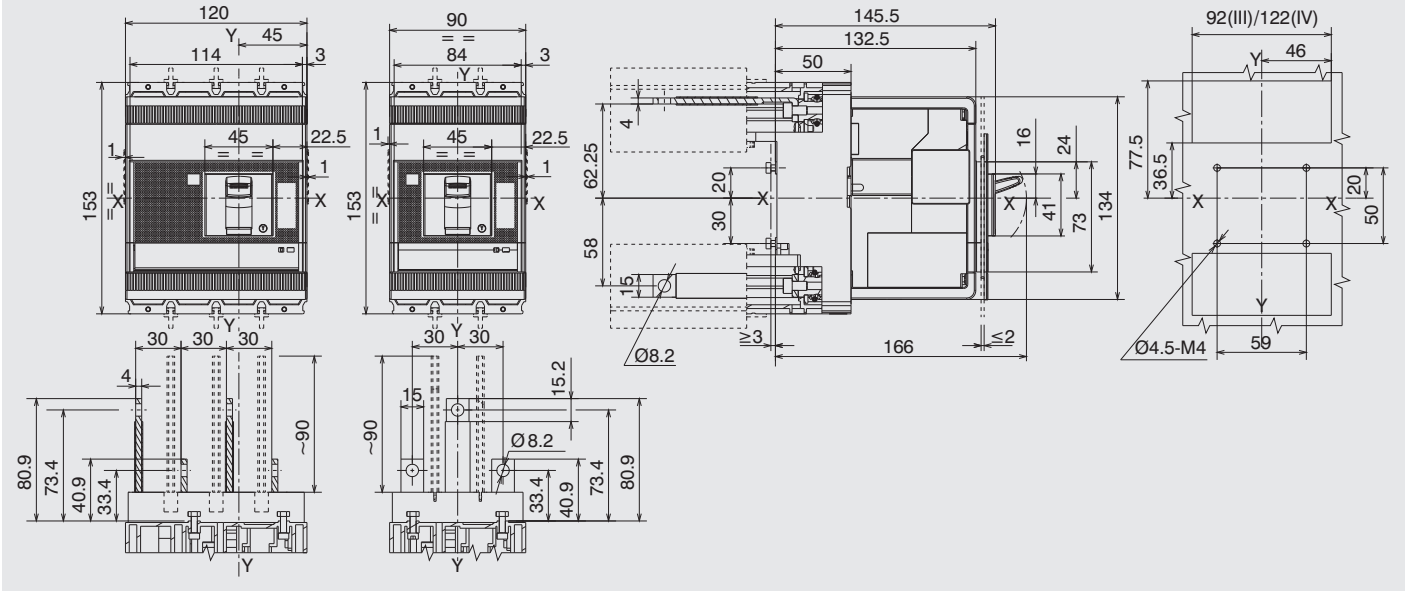


Fixing 3-4 poles at 70mm
Fissaggio 3-4 poli a 70mm

Fixing 3-4 poles at 50mm
Fissaggio 3-4 poli a 50mm

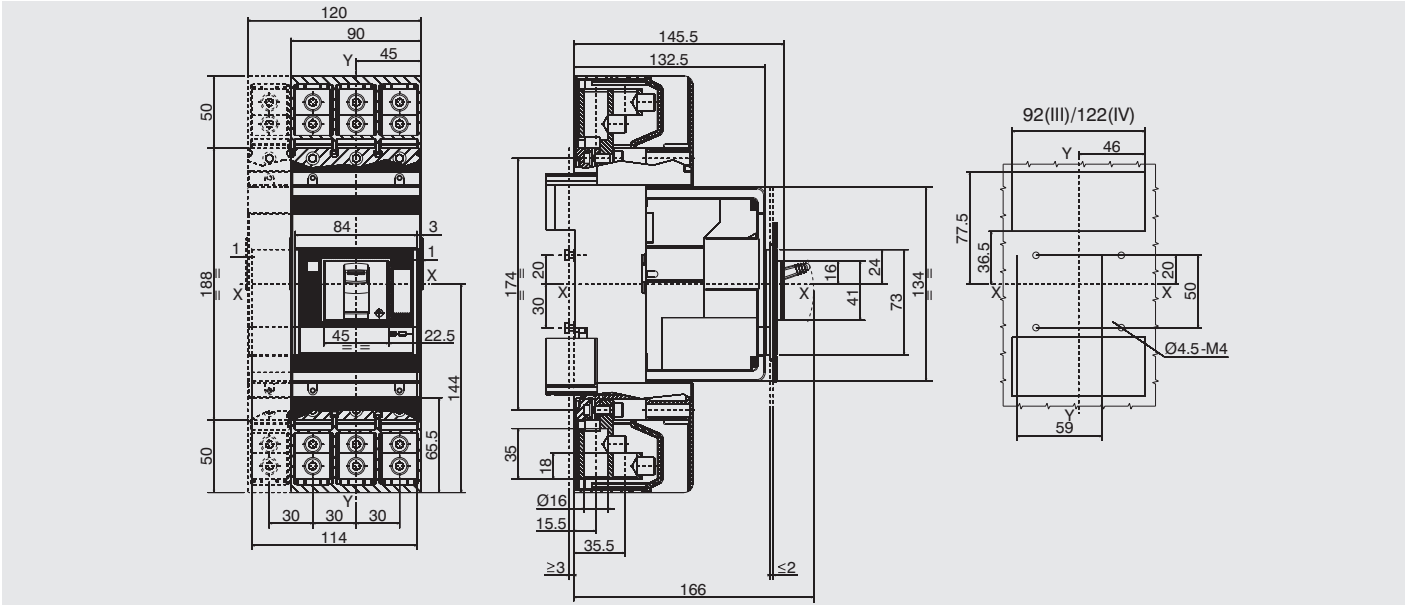
O

XT2-P/III-IV/HR-VR



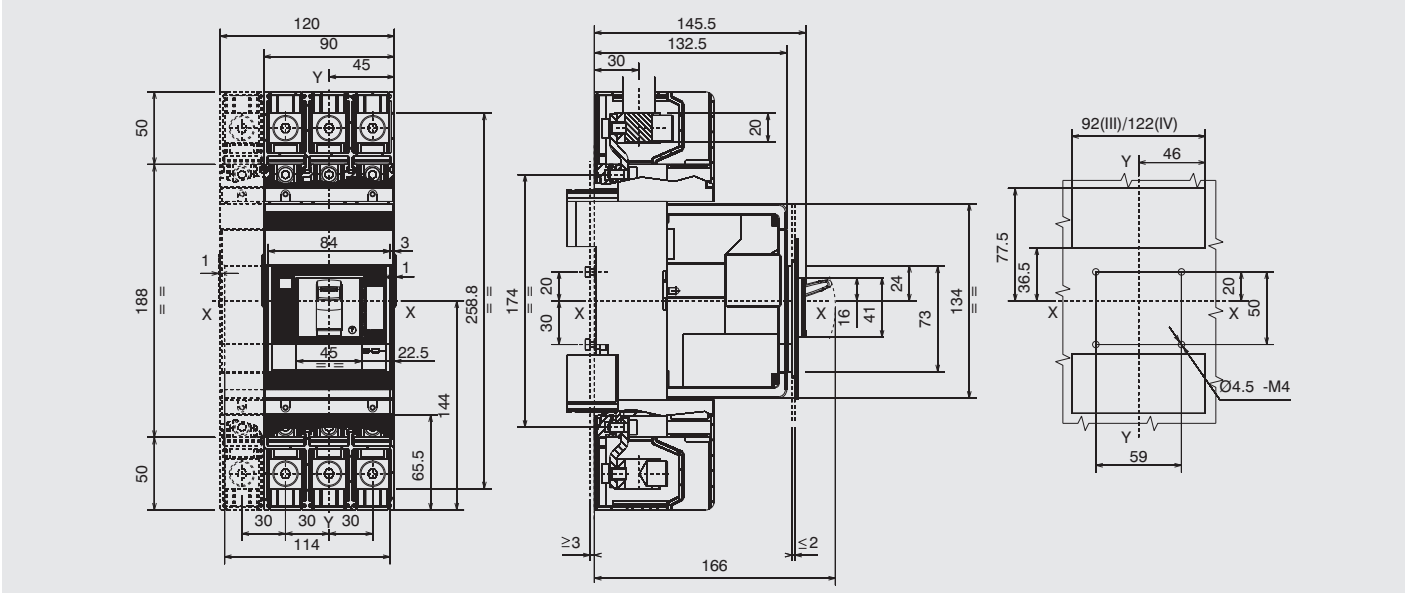
P

XT2-P/III-IV/Fc Cu-Al EXT



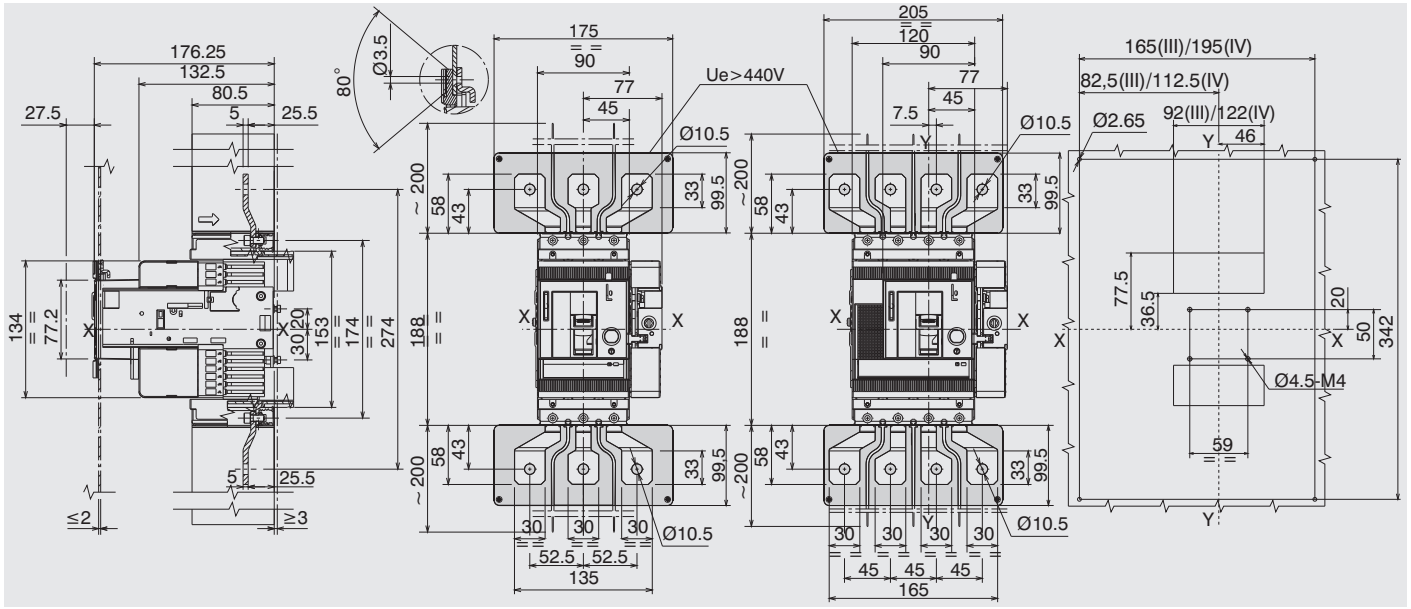
Q

XT2-P/III-IV/Fc Cu-Al EXT



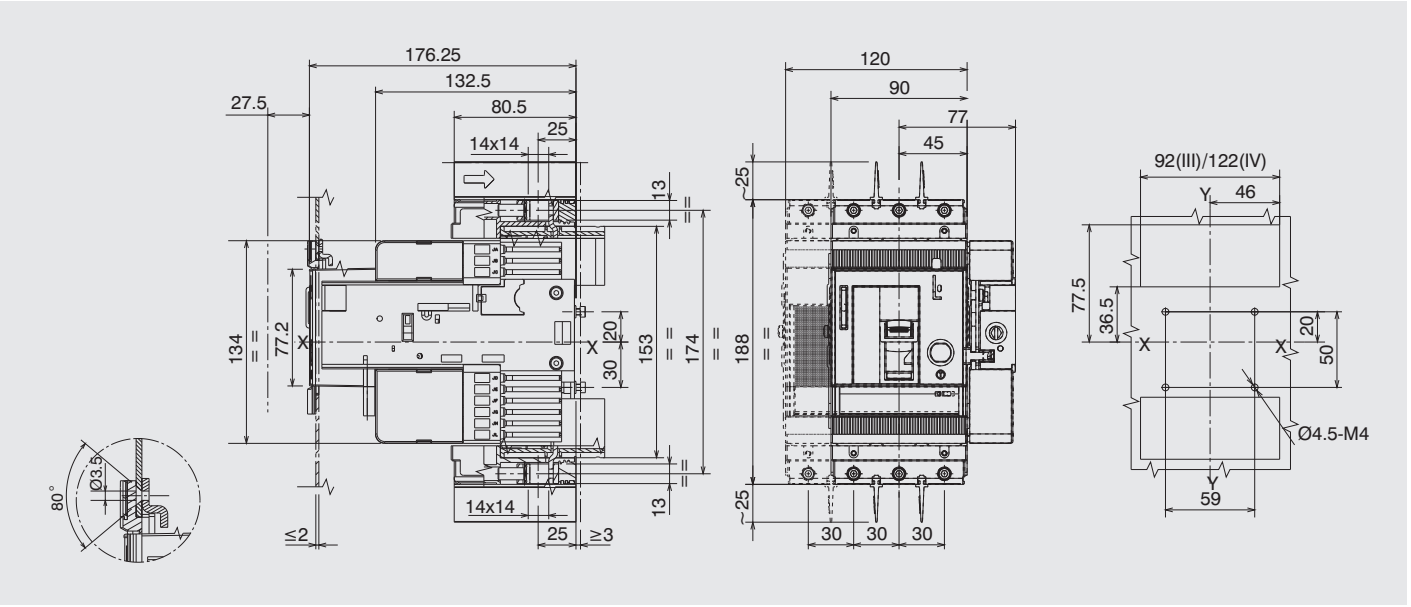
R

XT2-W/III-IV/ES



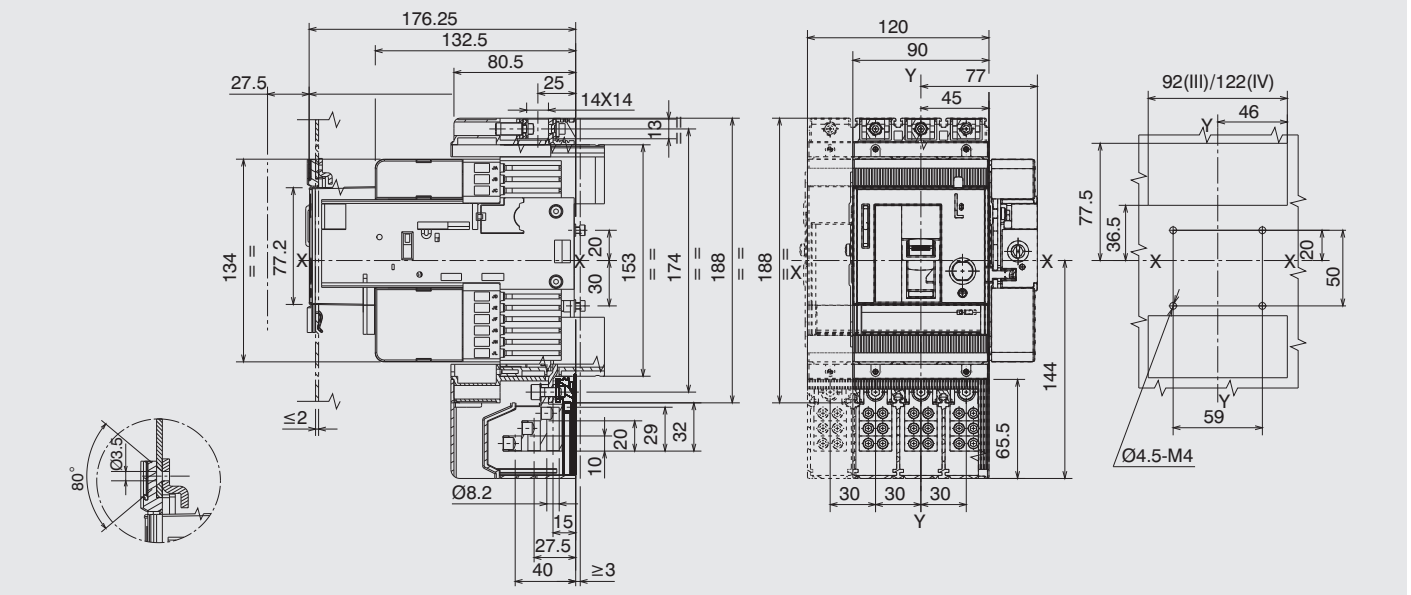
S

XT2-W/III-IV/Fc-Cu Al



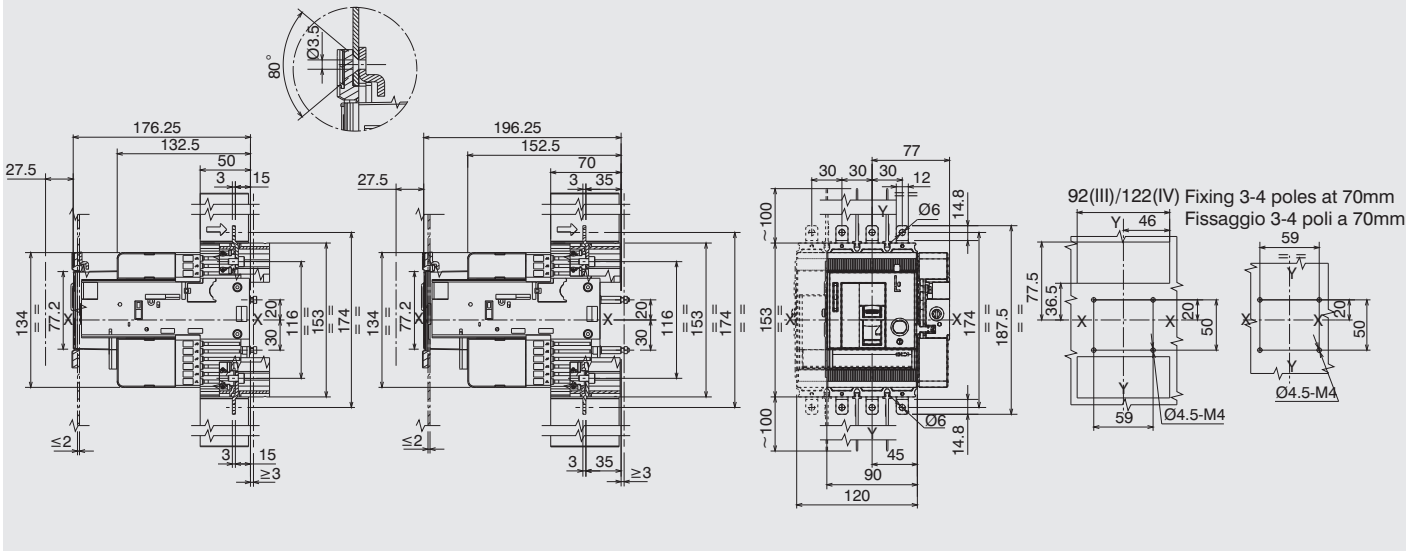
T

XT2-W/III-IV/Fc Cu-MC



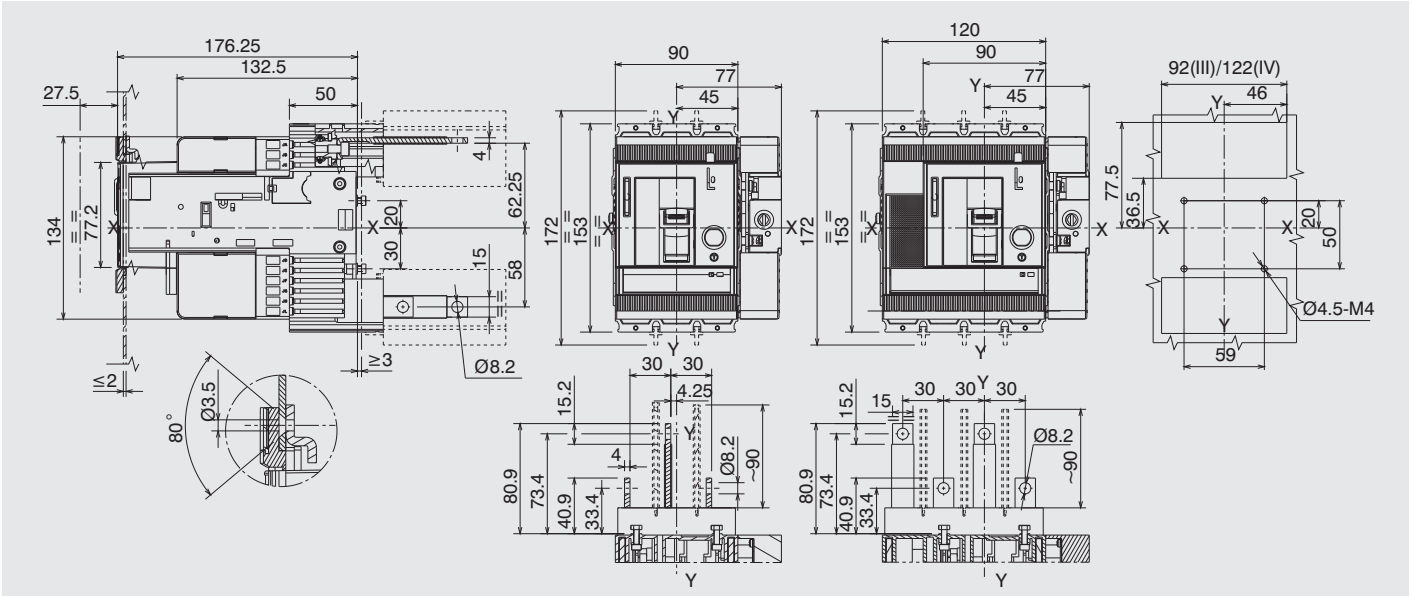
U

XT2-W/III-IV/EF



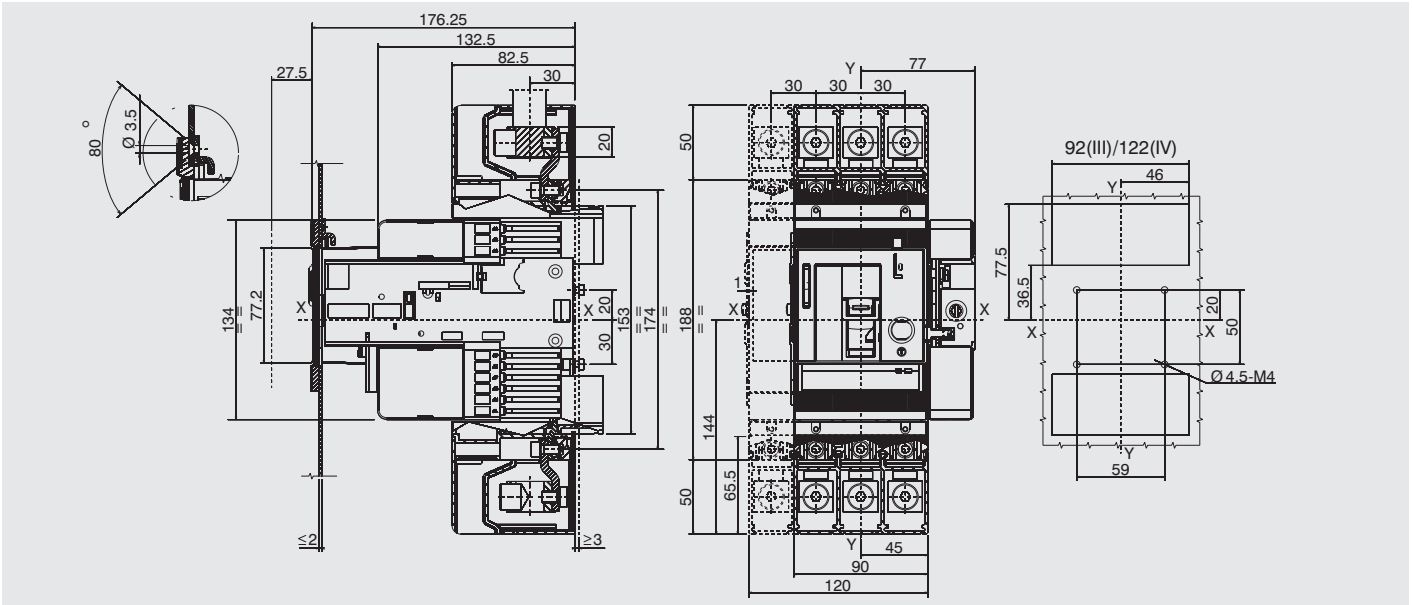
V

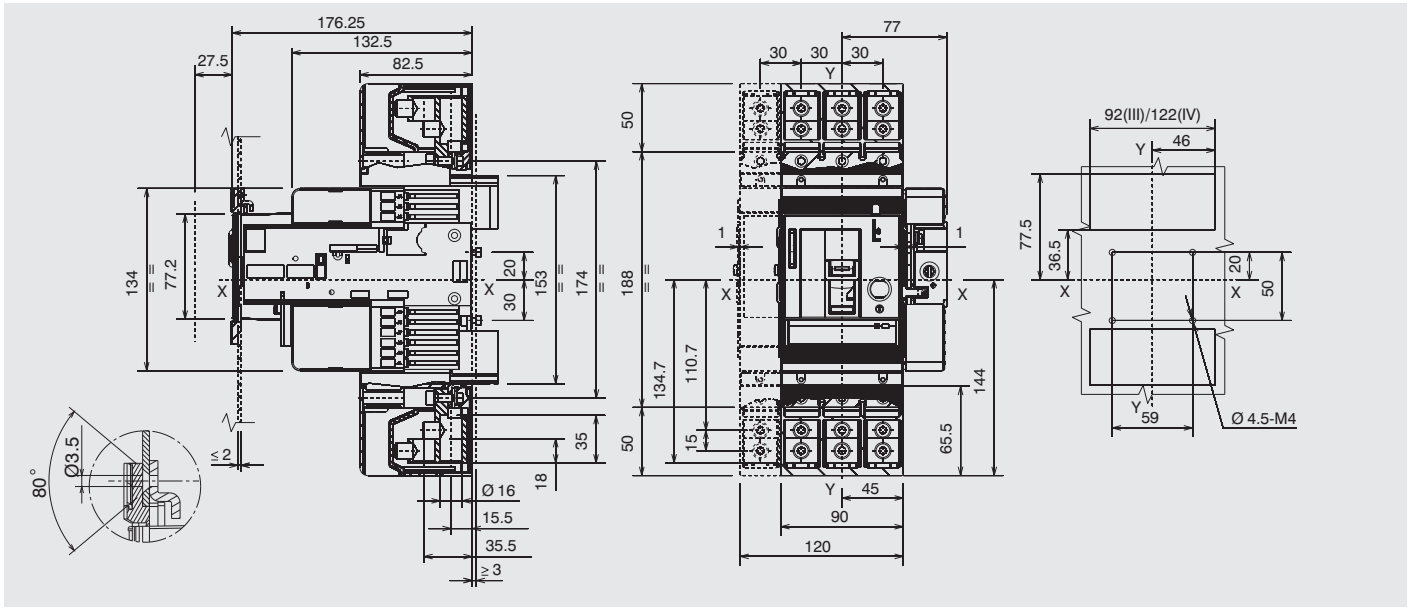
XT2-W/III-IV/HR-VR

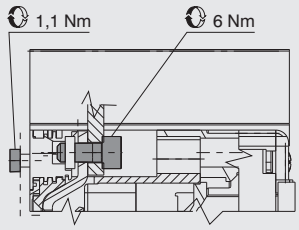


W

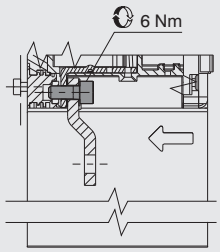
XT2-W/III-IV/Fc Cu-Al EXT



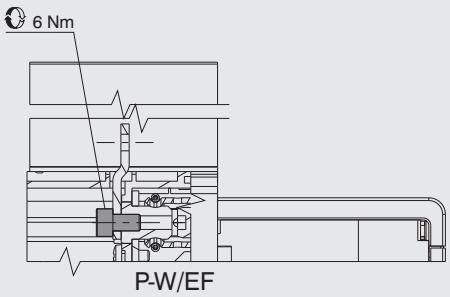




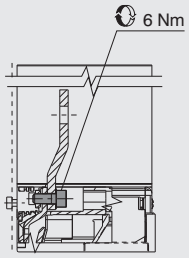
F-F



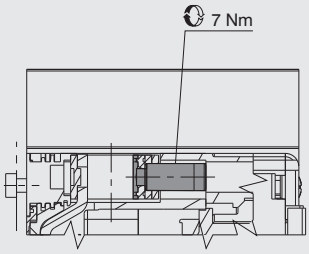
F-EF



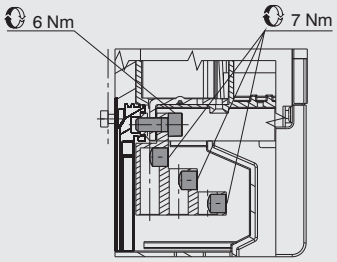
P-W/EF



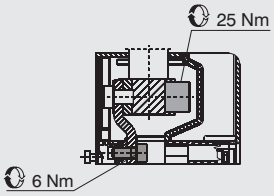
F-P-W/ES



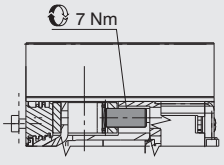
F-P-W/FC Cu



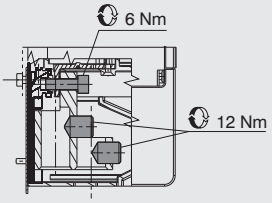
F-P-W/MC



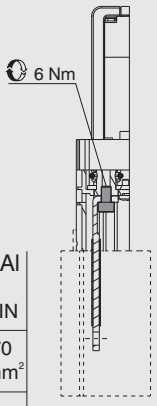
F-P-W/EXT FC Cu Al



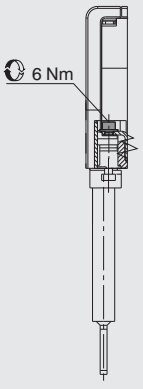
F-P-W/FC Cu Al



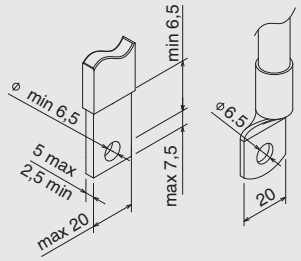
F-P-W/FC Cu Al 2x95mm^2



P-W/HR-VR



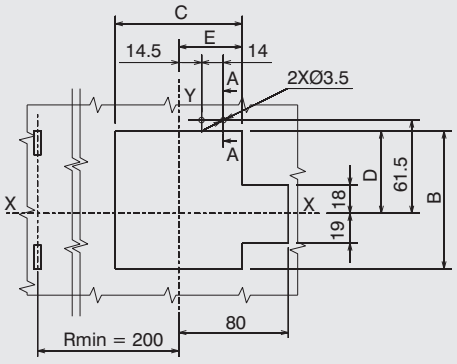
F-R

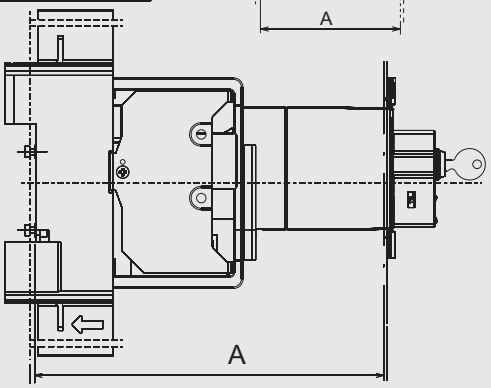


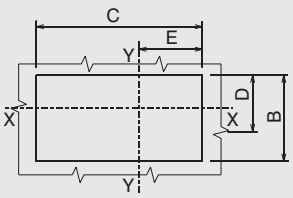
	FC Cu		FC CuAl Internal		MC		FC CuAl Ext 2x95		FC CuAl Ext	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
Stranded	95 mm^2	2,5 mm^2	95 mm^2	2,5 mm^2	35 mm^2	2,5 mm^2	95 mm^2	35 mm^2	185 mm^2	70 mm^2
Flexible	70 mm^2	2,5 mm^2	70 mm^2	2,5 mm^2	25 mm^2	2,5 mm^2				

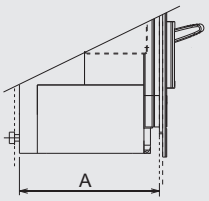
XT2 WITHOUT FLANGE SENZA MOSTRINA		A F	A P 50mm	A P 70mm	B	C	D	E
	III-IV	91,5	141,5	161,5	43	47	17	23,5
	III	83,5	133,5	153,5	75	86	25	43
	IV	83,5	133,5	153,5	75	116	25	43

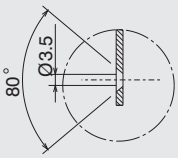
XT2 WITH FLANGE CON MOSTRINA		A F	A P 50mm	A P 70mm	B	C	D	E
	III	86	136	156	83	94	29	47
	IV	86	136	156	83	124	29	47
	OPTIONAL FLANGE III-IV	92	142	162	73	57	32	28,5





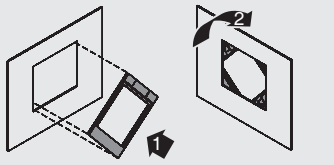




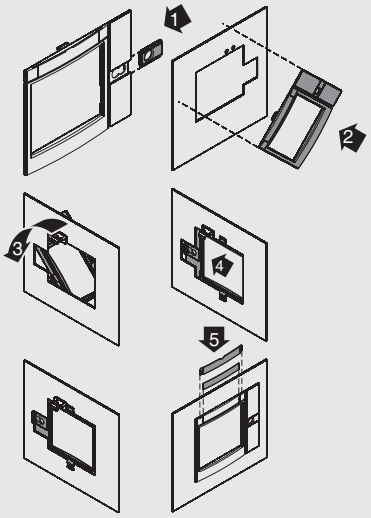


XT2 W			A 50mm	A 70mm	B	C	D	E
	FLD	III-IV	170	190	91	101	55	50,5
	RHD	III-IV	170	190	89	82	55,5	41
	MOE	III-IV	222	-	91	101	55	50,5

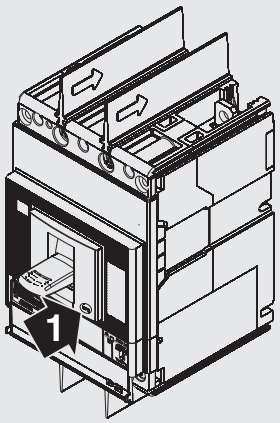
ONLY FOR XT2 F-P

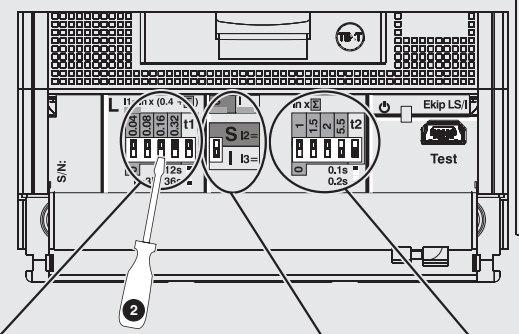


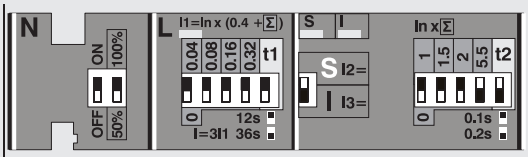
ONLY FOR XT2 W



LED	Color	CONDITION Run time	
⏻	Green	LED ON (fixed) = Device active	
L	Red	LED Fixed = L pre alarm (0,9 * I1 < I < 1,2 * I1)	LED Blinking = L alarm (I > 1,2 * I1)
S	Red	LED Blinking = S alarm (I > I2)	
L | S | I	Red	LED Blinking = Parameters inconsistency - L = S or L = I. LED Blinking without Parameters inconsistency = generic fault (please contact ABB)	

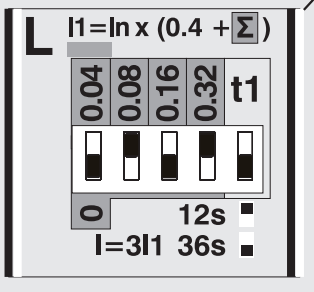


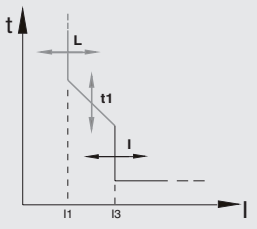




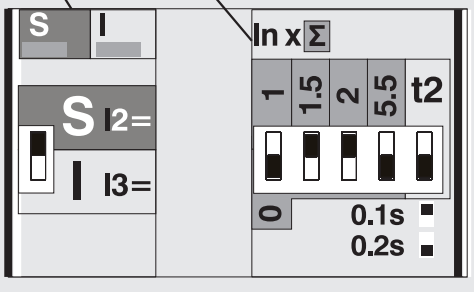
Settaggio di default
Default setting
Default-Einstellung
Configuration par défaut
Ajuste de default

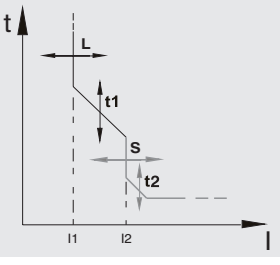
Esempio:
Example:
In = 100 A
I1 = 100 x (0,4+0,08+0,32) = 80A
t1 = 36 s @240 A ($3I_1$)





Esempio:
Example:
In = 100 A
$I2 = 100 \times (1,5+2) = 350A$
$t2 = 0,2\ s\ @\ In > I_2$





ZB

1

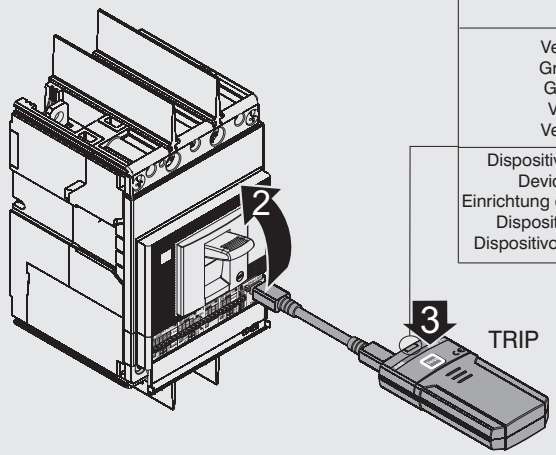
PROCEDURA DI CONTROLLO
- CONTROLLO LED: tutti i led del relè si devono accendere
- ULTIMA INDICAZIONE DI TRIP: se presente nella memoria del relè
- LED: resta acceso finchè l'unità TT e' connessa al relè
- PRONTO PER TRIP

DIAGNOSTIC PROCEED
- UNIT CHECK LED: all the leds in the relay must come on
- LAST TRIP INDICATION: if present in the relay's data store
- LED: remains on for as long as the TT is connected to the relay
- READY TO TRIP

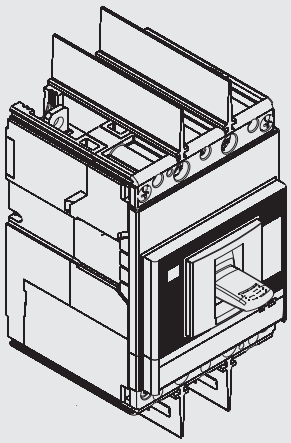
DIAGISTIKABLAUF
- EINEITHSPRUF-LED: Alle LEDs des Relais müssen aufleuchten
- ANGABE DER LETZTEN AUSLOSUNG: Wenn im Speicher des Relais vorhanden.
- LED: Bleibt angeschaltet, bis die Einheit TT an die Relais angeschlossen ist.
- AUSLOSEBEREIT

PROCÉDURE DE DIAGNOSTIC
- UNIT CHECK LED : toutes les diodes du relais doivent s'allumer
- LAST TRIP INDICATION : si présente dans la mémoire du relais
- LED: la DIODE reste allumée tant que l'unité TT est connectée au relais
- READY TO TRIP

PROCEDIMIENTO DIAGNOSTICO
- LED CONTROL UNIDAD: todos los led del relé se deben encender
- INDICACION ULTIMA ACTUACION: si está presente en la memoria del relé
- LED: queda encendido mientras la unidad TT permanezca conectada con el relé
- LISTO PARA LA ACTUACION



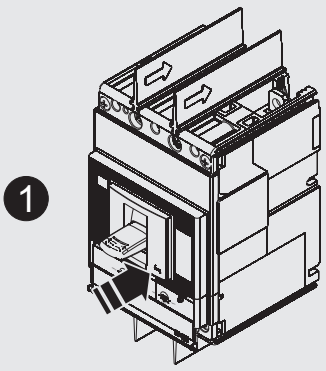
LED Ekip TT	
Verde Green Grün Vert Verde	Rosso Red Rot Rouge Rojo
Dispositivo acceso Device ON Einrichtung eingeschaltet Dispositif allumé Dispositivo encendido	Sostituire batterie Change battery Batterie ersetzen Remplacer batteries Sustituir baterías



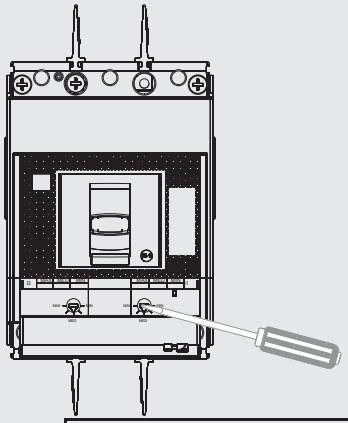
4 CLACK

ZC

XT2



1



2

		I3		
	In	MIN	MED	MAX
TMA	40	300	360	400
	50	300	400	500
	63	300	465	630
	80	400	600	800
	100	500	750	1000
	125	625	940	1250
	160	800	1200	1600

		I3		
	In	MIN (6)	MED (10)	MAX (14xIn)
MA	20	120	200	280
	32	192	320	448
	52	314	520	728
	80	480	800	1120
	100	600	1000	1400

		I1		
	In	MIN (0,7)	MED (0,85)	MAX (1xIn)
TMD	1,6	1,1	1,3	1,6
	2	1,4	1,7	2
	2,5	1,7	2,1	2,5
	3,2	2,2	2,7	3,2
	4	2,8	3,4	4
	5	3,5	4,2	5
	6,3	4,4	5,3	6,3
	8	5,6	6,8	8
	10	7	8,5	10
	12,5	8,7	10,6	12,5
	16	11,2	13,6	16
	20	14	17	20
	25	17,5	21,2	25
	32	22,4	27,2	32
TMA	40	28	34	40
	50	35	42,5	50
	63	44,1	53,5	63
	80	56	68	80
	100	70	85	100
	125	87,5	106,2	125
	160	112	136	160
TMG	16	11,2	13,6	16
	20	14	17	20
	25	17,5	21,2	25
	32	22,4	27,2	32
	40	28	34	40
	50	35	42,5	50
	63	44,1	53,5	63
	80	56	68	80
	100	70	85	100
	125	87,5	106,2	125
	160	112	136	160

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