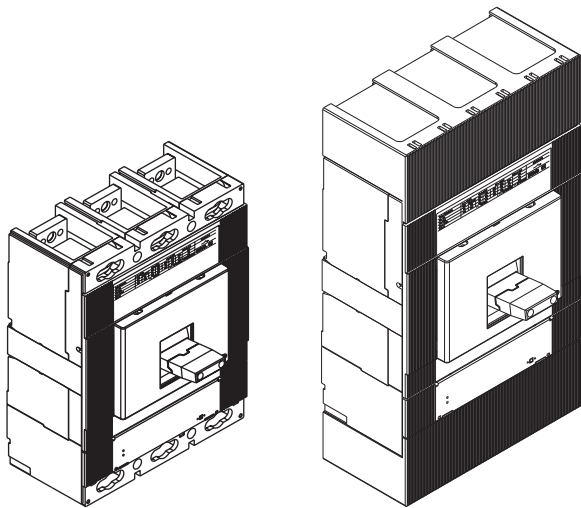


# Tmax T6 630-800 / T6 1000V (630A-800A) / T6 1000A

DOC. N.° 1SDH001454R0001

B0119

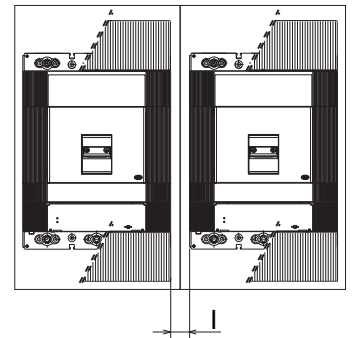
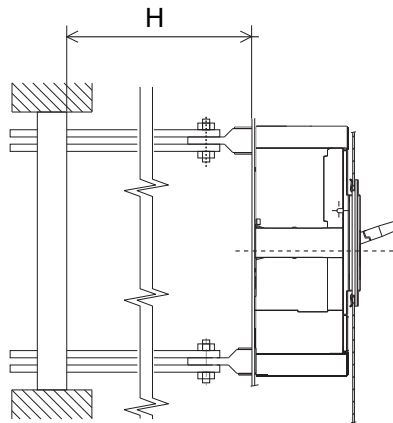
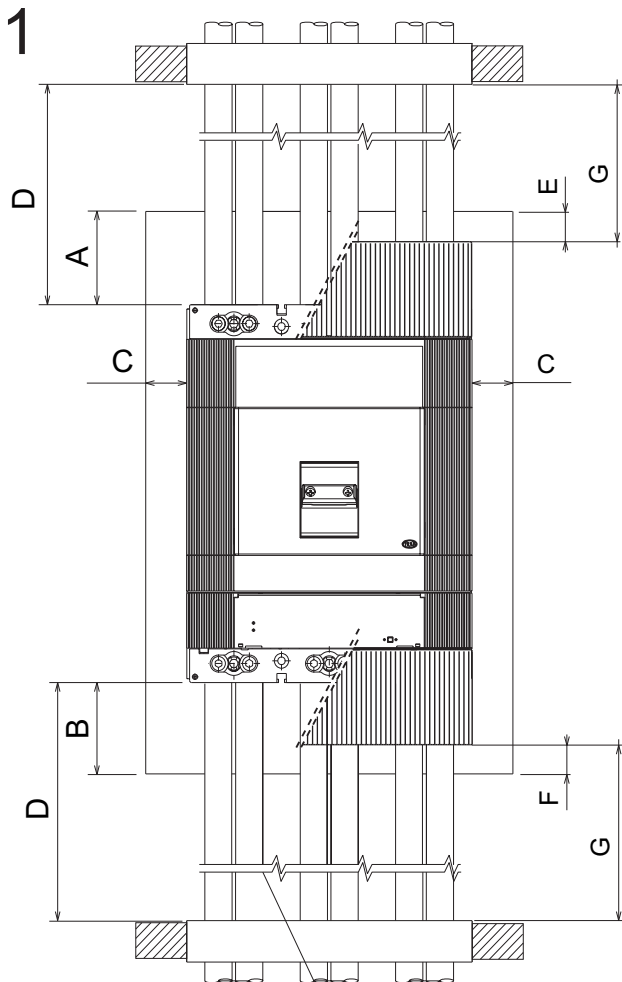


Tmax T6 630-800

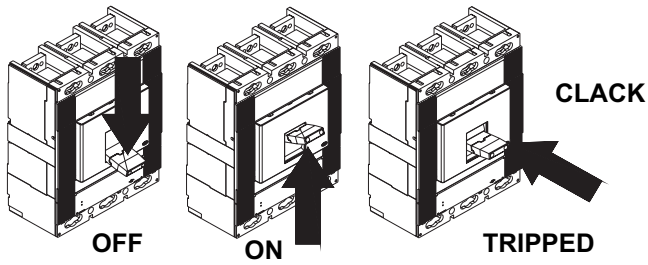
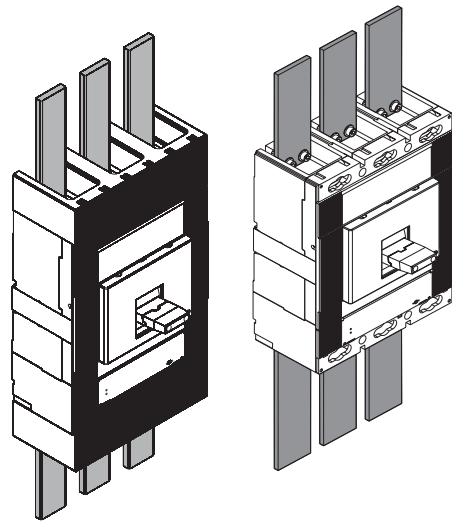
Tmax T6 1000V (630A-800A)  
Tmax T6 1000A

## TERMINALS OVERVIEW

	IEC	1000V	1000A
F - FC Cu Al 600-630A	X	X	
F - RC Cu Al 600-630A	X		
F - FC Cu Al 800A	X		
F - RC Cu Al 800A	X		
F - FC Cu Al (1000A)			X
F - EF	X		
F - R	X	X	X
F - F	X	X	
F - ES	X		X
W - EF	X		
W - HR	X		
W - VR	X		
F - EF (LONG)			X



	IEC		1000V	1000A		
	Ue	T6 N-S-H		T6 L		
A	< 440V	35				
	≥ 440V	100				100
	≤ 690V					
	750V					
B	20					
C	25		30	25		
D	300					
E		20		Ue	T6 N-S-H	T6 L
				< 440V	35	100
				≥ 440V	100	
				≤ 690V		
750V						
F			20	20		
G			300	250		
H	300		300	250		
I	0		60	0		

**2****3**

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

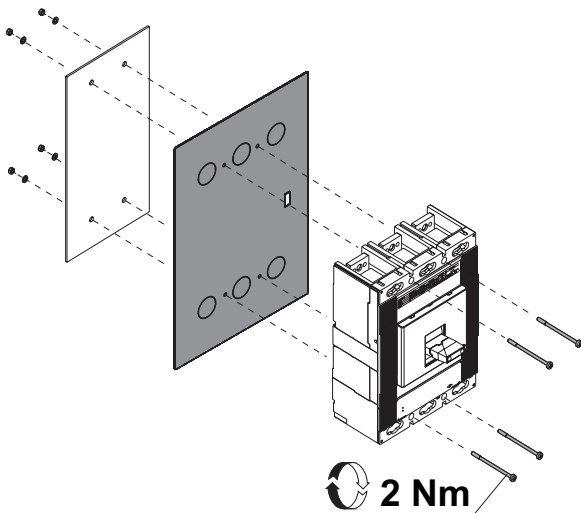
Use cable or insulated busbars/ or perform specific type test on the installation.

Kabel oder isolierte Sammelschienen verwenden / oder die spezifische Typprüfung auf der Installation 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 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

**4****5**

## ONLY FOR Tmax T6 1000V (630A-800A)

Le connessioni in serie per il collegamento fino a 1000V DC devono essere realizzate a cura del cliente.

Pe le modalità di connessione vedere il "Quaderno Applicazione Tecnica - vol. 5" 'Interruttori ABB per applicazioni in corrente continua'.

Serial connections up to 1000 V DC are at the customer's charge.

Consult the "Technical Application Book - vol. 5" "ABB circuit breakers for direct current applications" for the connection mode.

Die Anschlüsse in Reihenschaltung für den Anschluss bis zu 1000 V DC sind eine bauseitige Leistung.

Für die Modalitäten des Anschlusses siehe „Technisches Anwendungsheft - Band 5“ „ABB Leistungsschalter für Gleichstromanwendungen“.

La réalisation des connexions en série pour le raccordement jusqu'à 1000V DC est à la charge du client.

Pour les modalités de connexion consulter le "Cahier d'Application Technique - vol. 5" "Disjoncteurs ABB pour applications en courant continu".

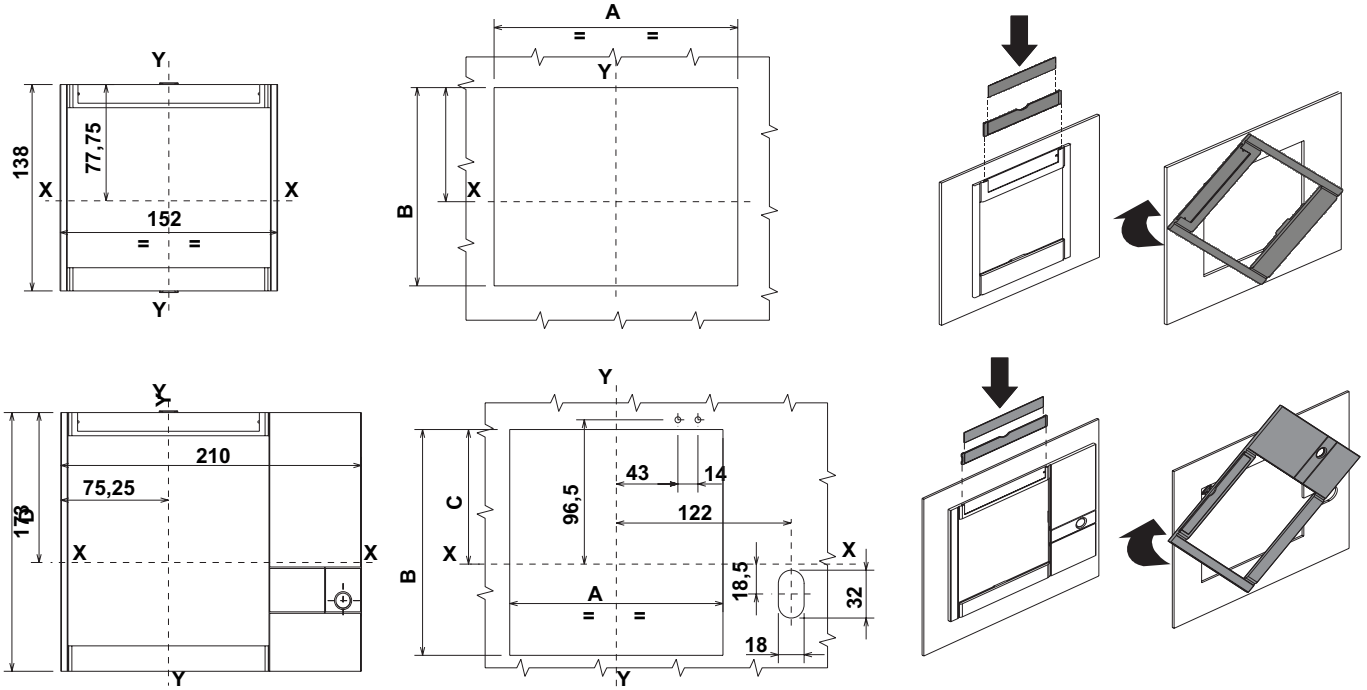
Las conexiones en serie para la conexión hasta 1000V DC las deberá realizar el cliente.

Para informaciones sobre las modalidades de conexión véase el "Cuaderno Aplicación Técnica" - vol. 5 "Interruptores ABB para aplicaciones en corriente continua".

断路器用于 1000V DC, 用户必须串联连接所有极。

连接型式参见"Technical Application Book - vol. 5" 'ABB circuit breakers for direct current applications'.

6

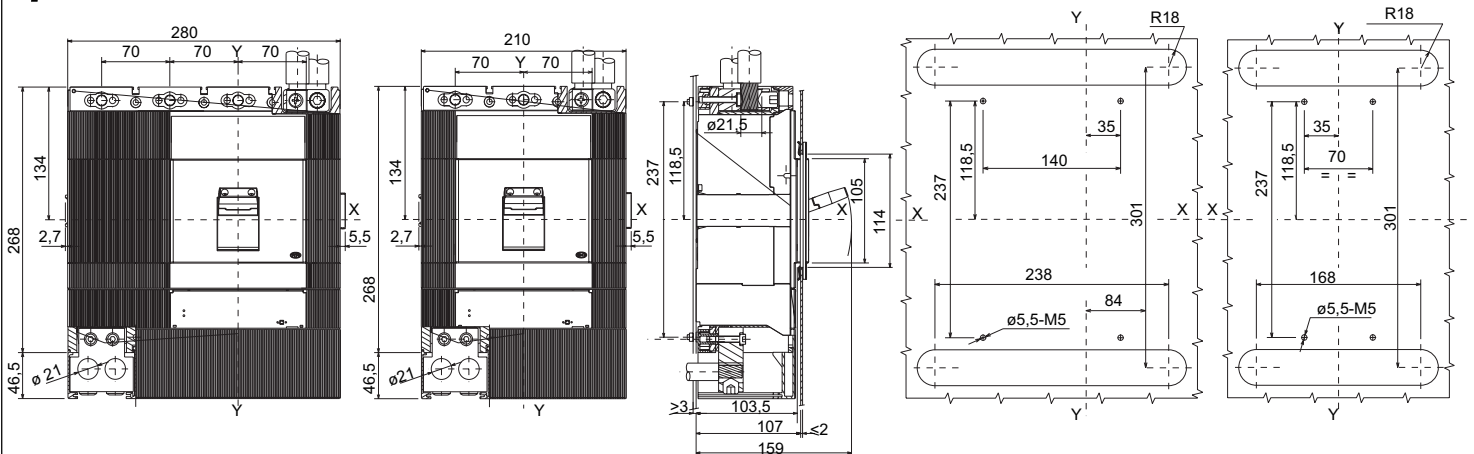


- Optional for UL
- W version not available for T6 1000A

Non valido per interruttore fisso con RHD-FLD-MOE.  
Vedere documentazione specifica.  
Not valid for fixed circuit breakers with RHD-FLD-MOE. See specific documentation.  
Gilt nicht für festen Leistungsschalter mit RHD-FLD-MOE. Siehe die spezifische Dokumentation.  
Non valable pour disjoncteur fixe avec RHD-FLD-MOE. Voir la documentation spécifique.  
No válido para interruptor fijo con RHD-FLD-MOE. Véase documentación específica.  
不适用于装有RHD-FLD-MOE的固定式断路器。  
请参考相应的文件。

	A	A	B	B	C	C	C	D	D
	FISSO FIXED 固定式	ESTRAIBILE WITHDRAWABLE 抽出式	FISSO FIXED 固定式	ESTRAIBILE WITHDRAWABLE 抽出式	FISSO FIXED 固定式	ESTRAIBILE WITHDRAWABLE 抽出式	W CON MOTORE W WITH MOTOR 抽出式带电动操作机构	W CON MOTORE W WITH MOTOR 抽出式带电动操作机构	ESTRAIBILE WITHDRAWABLE 抽出式
WITH FLANGE CON MOSTRINA 带法兰	149	148,5	116	150	66,75	89,5	75,25	89,25	100,25
WITHOUT FLANGE SENZA MOSTRINA 不带法兰	142	-	107	-	62,25	-	-	-	-

7

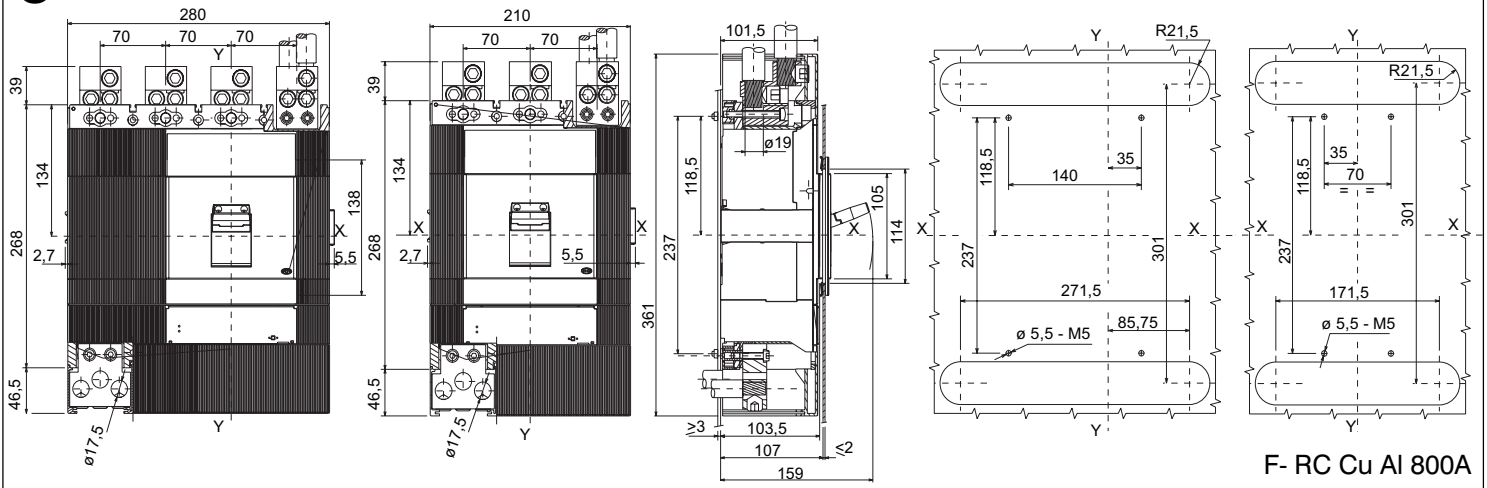


F - FC Cu Al 630A

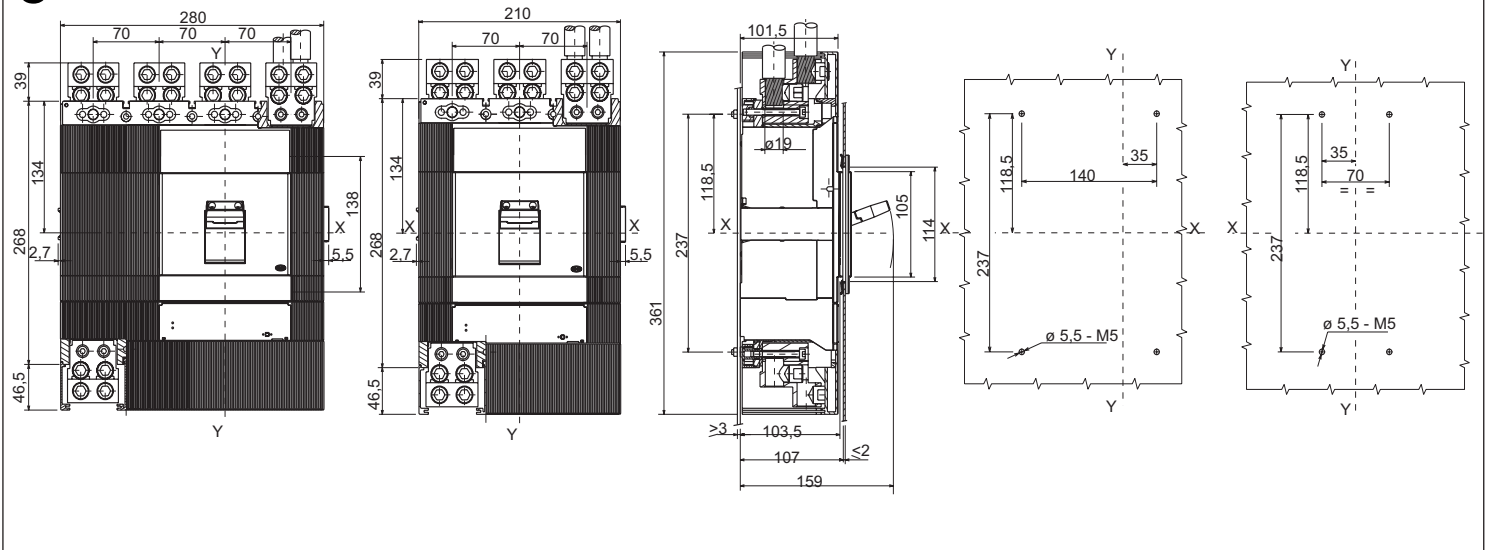
F - RC Cu Al 630A



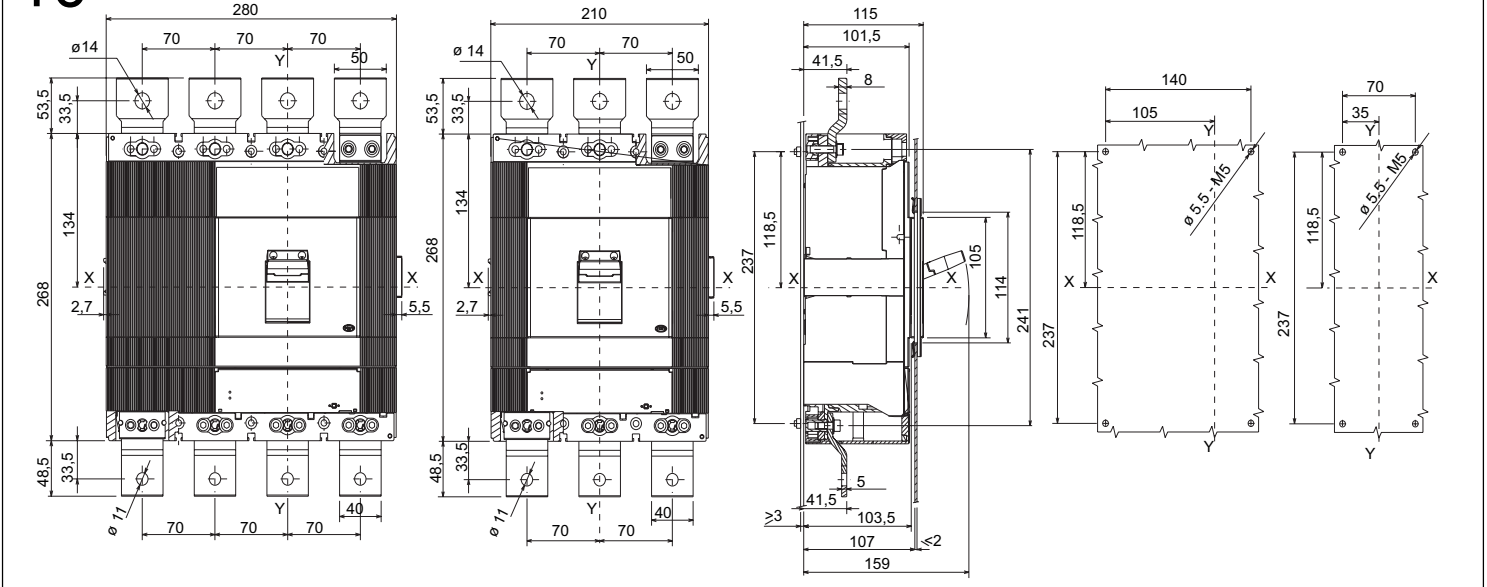
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9

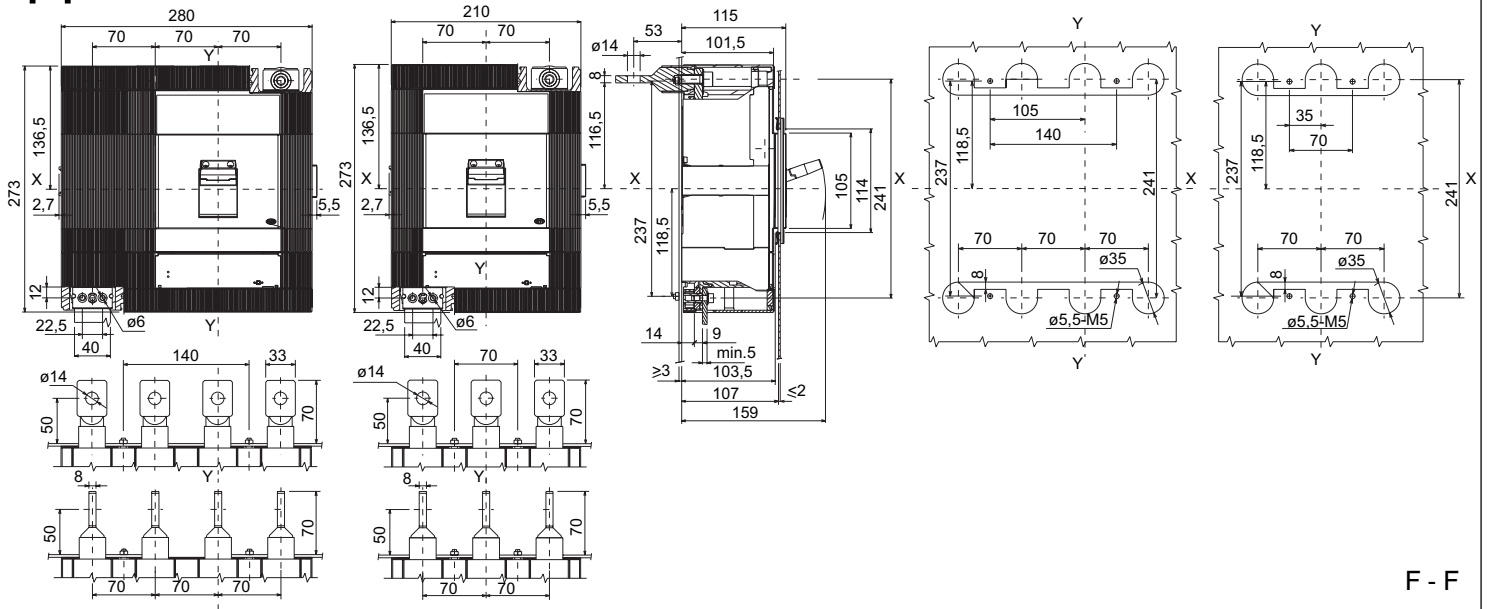


10



11

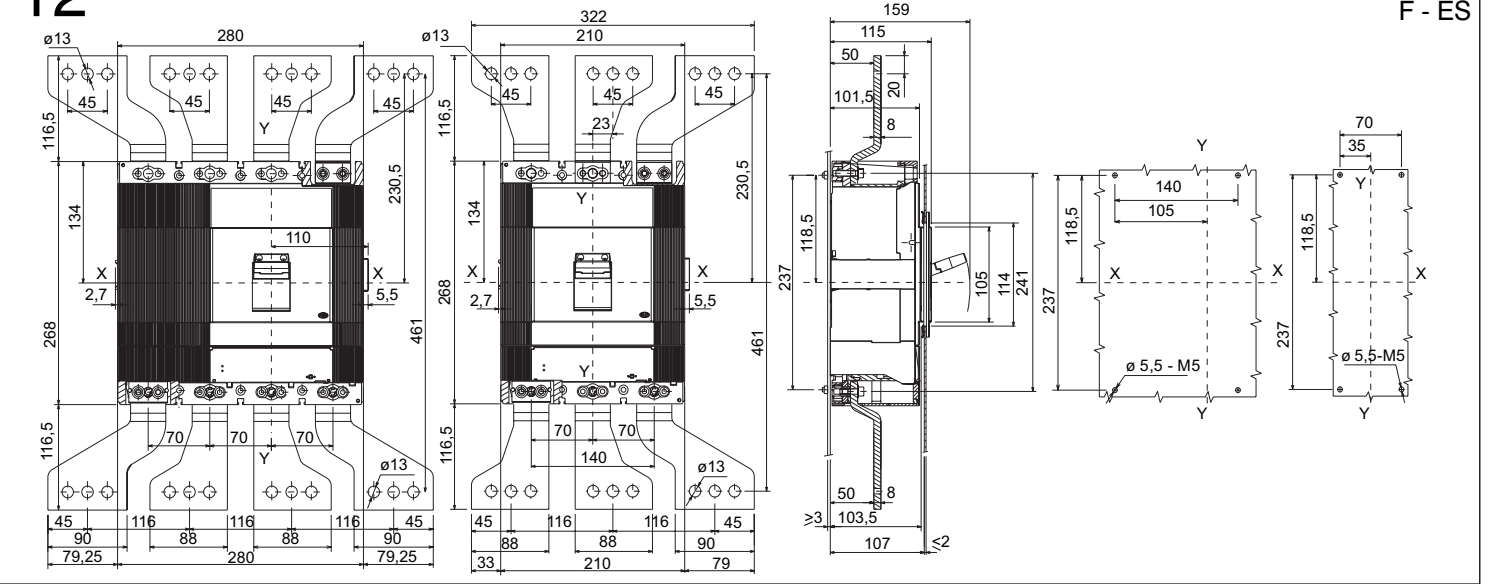
F - R



F - F

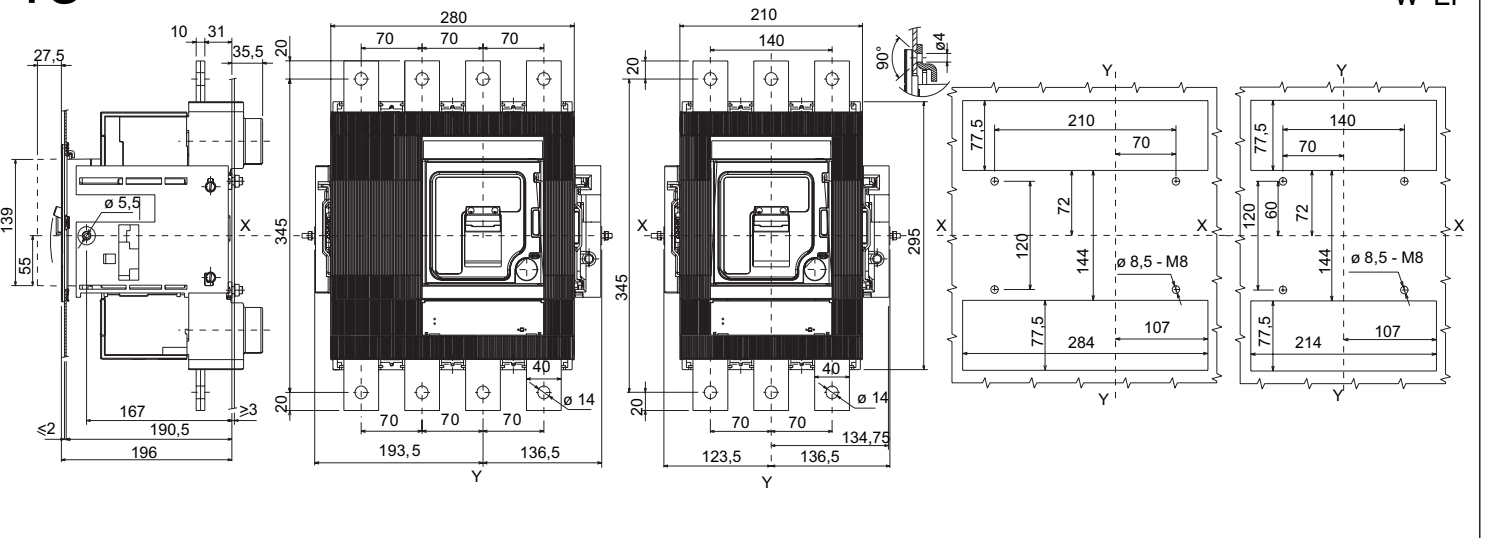
12

F - ES

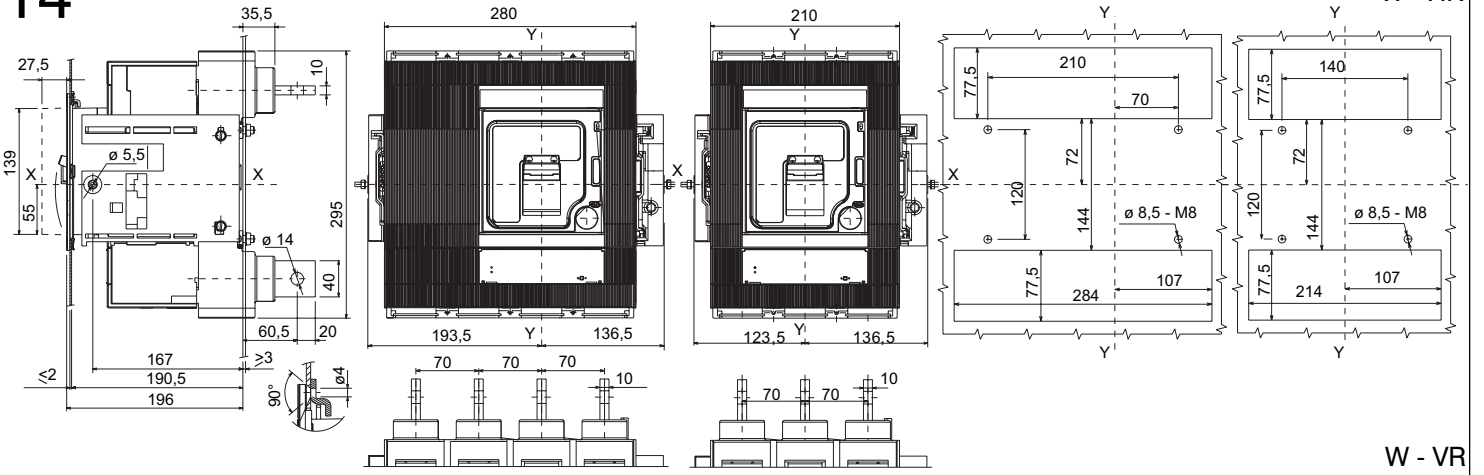


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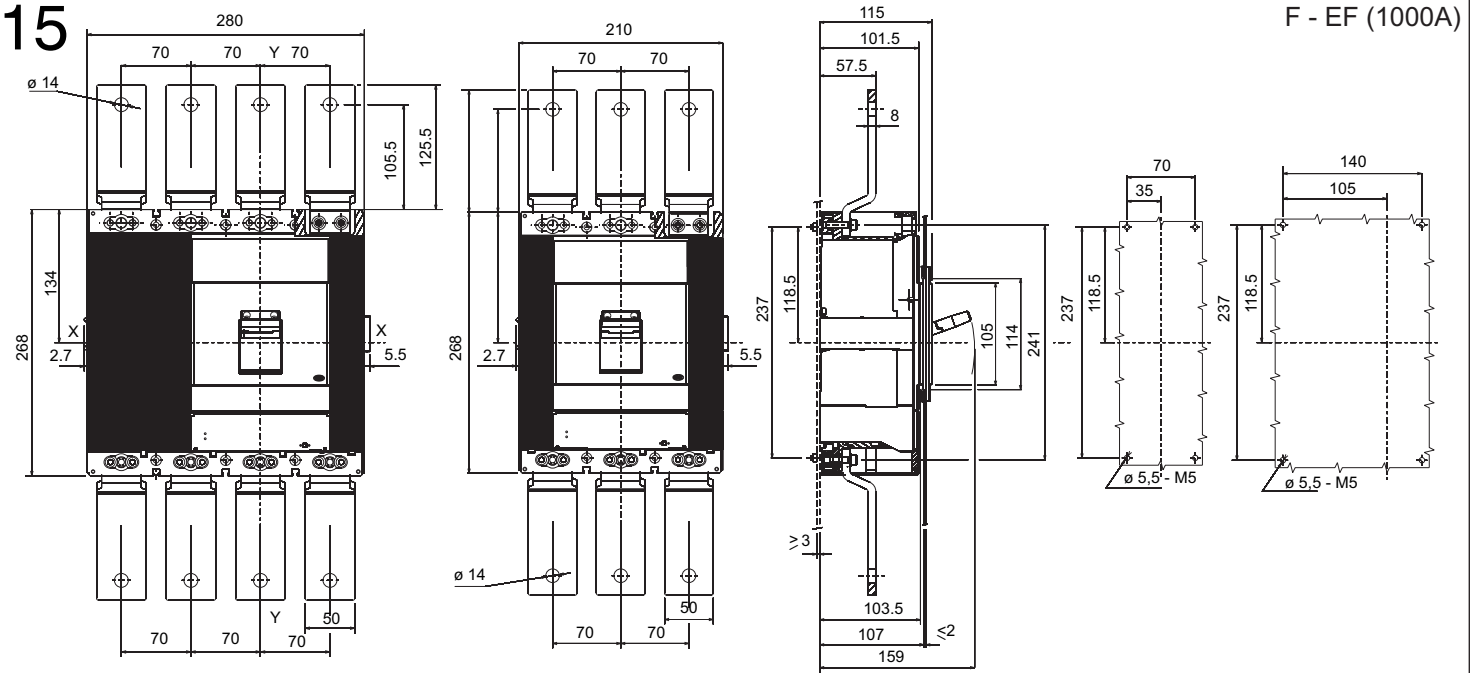
W - EF



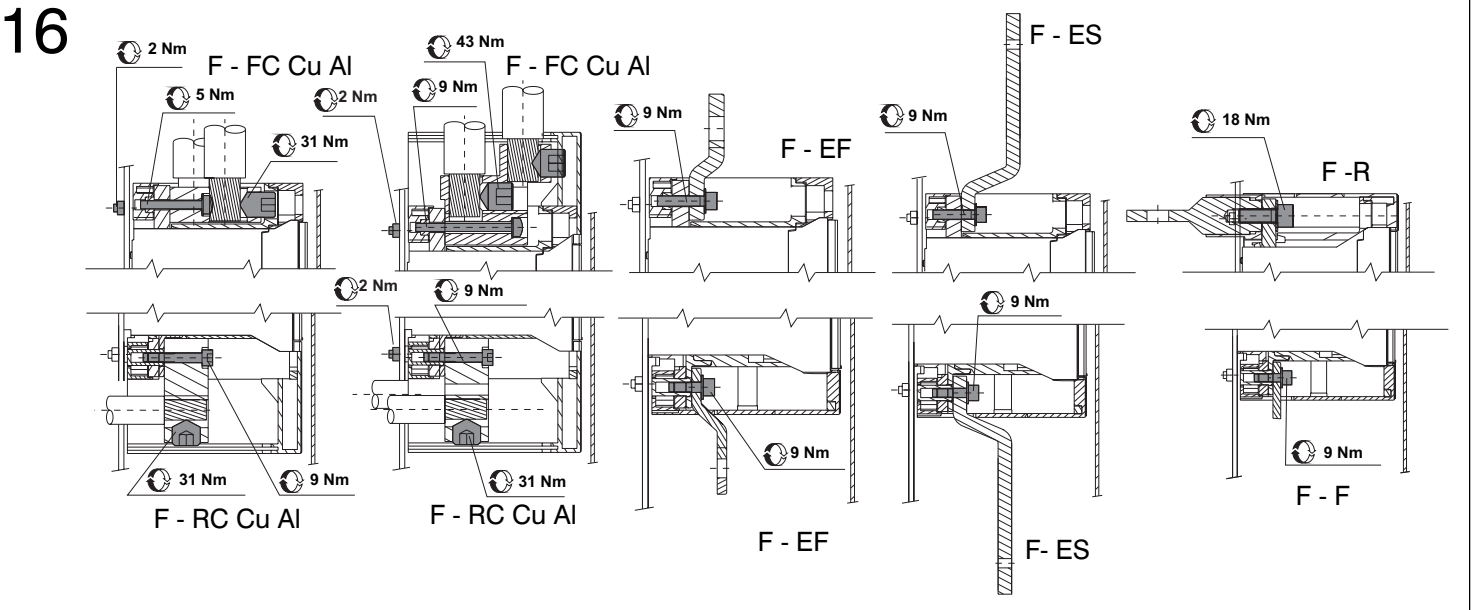
# 14



# 15

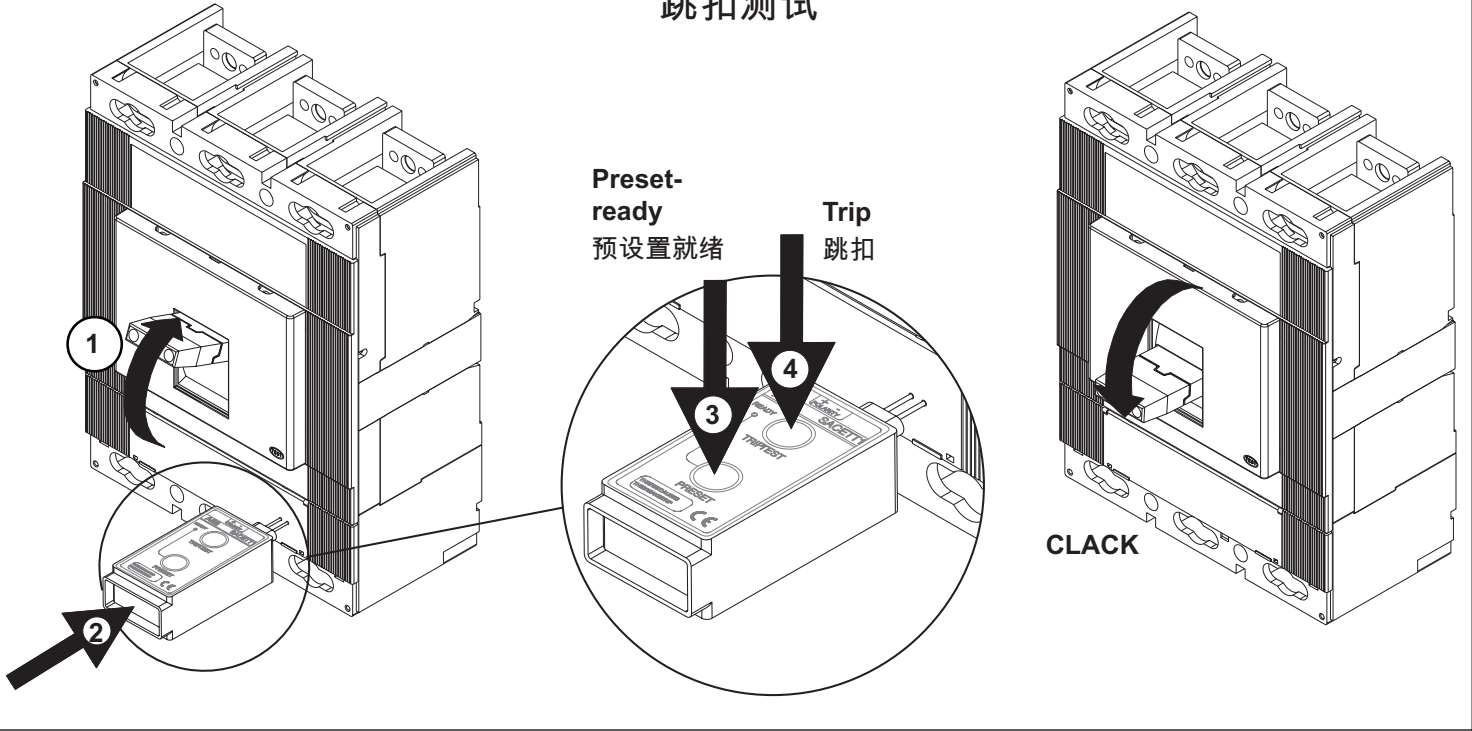


# 16



17

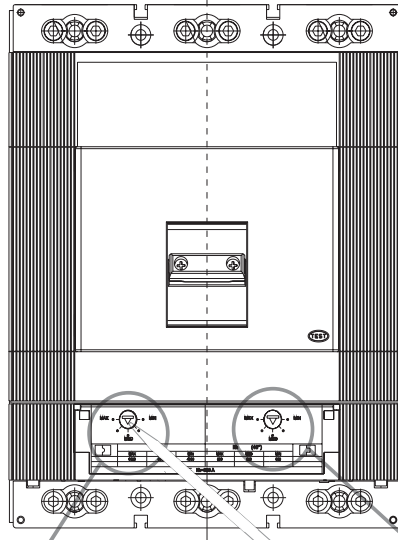
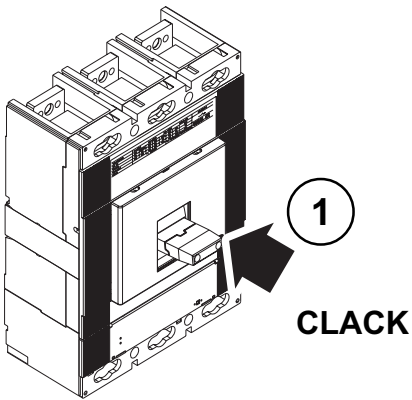
TRIP TEST  
跳扣测试



18

TMA

Not available for T6 1000A

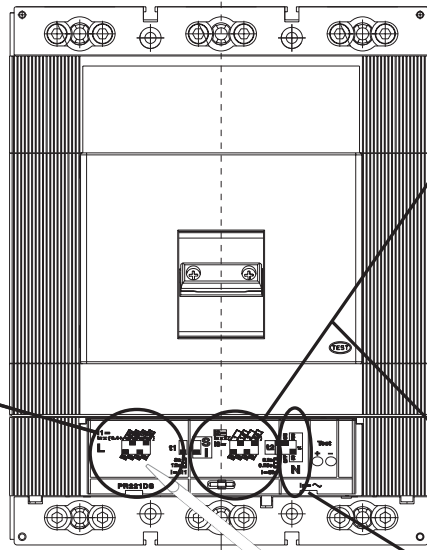
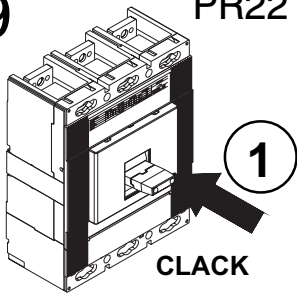


I3			
In	MIN (Inx5) 最小值	MED (Inx7,5) 中间值	MAX (Inx10) 最大值
800	4000	6000	8000
630	3150	4725	6300

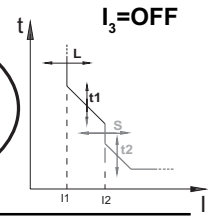
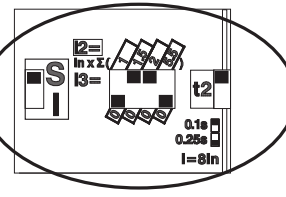
I1			
In	MIN (0,7) 最小值	MED (0,85) 中间值	MAX (1xIn) 最大值
800	560	680	800
630	441	536	630



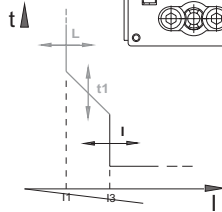
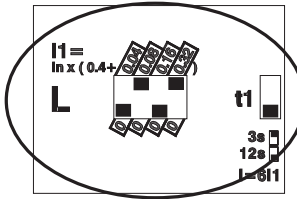
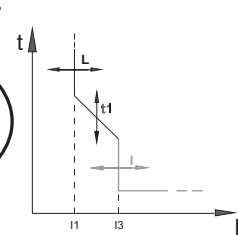
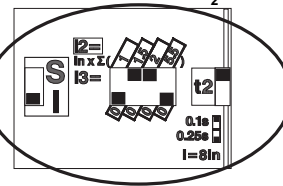
# 19 PR221DS



**Esempio:**  $I_n=630A$   
**Example:**  $I_2 = 630 \times (1,5+2)=2205A$   
 例如:  $t_2 = 0,1 \text{ s @ } 5040 \text{ A } (8I_n)$

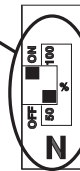


**Esempio:**  $I_n=630 \text{ A}$   
**Example:**  $I_3 = 630 \times (1,5+2)=2205A$   
 例如:



**Esempio:**  
**Example:**  
 例如:

$I_n = 630 \text{ A}$   
 $I_1 = 630 \times (0,4+0,08+0,32) = 504A$   
 $t_1 = 12 \text{ s @ } 3024 \text{ A } (6I_n)$



**Esempio:**  
**Example:**  
 例如:  
 $Ne=ON ; 50\%$

For more information please contact:

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 24123 Bergamo - Italy