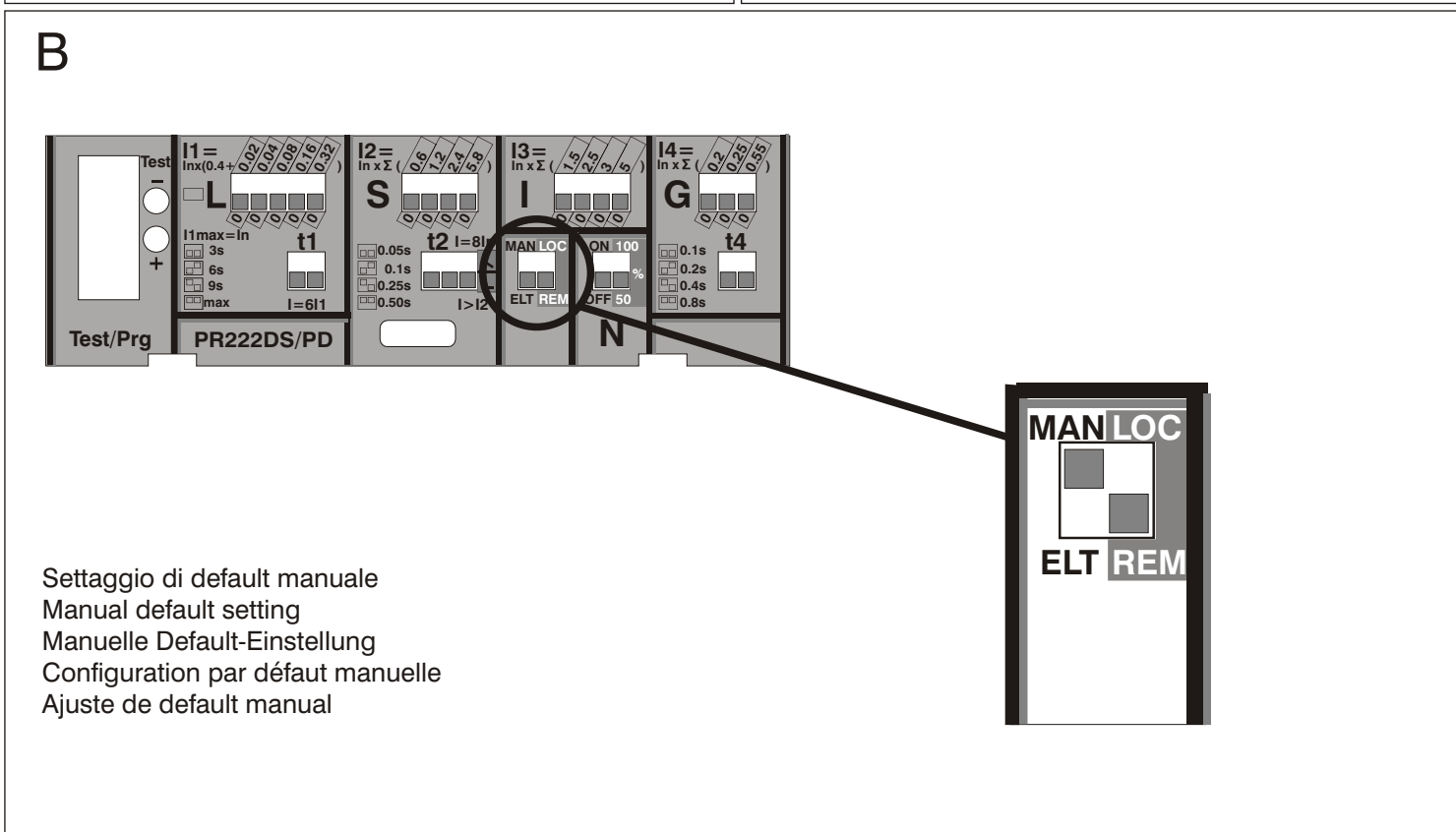
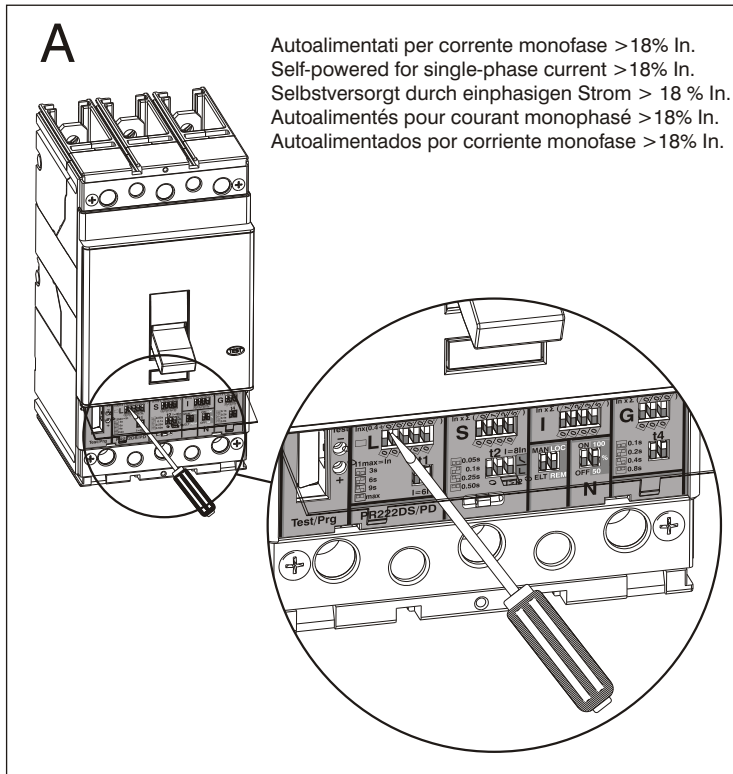
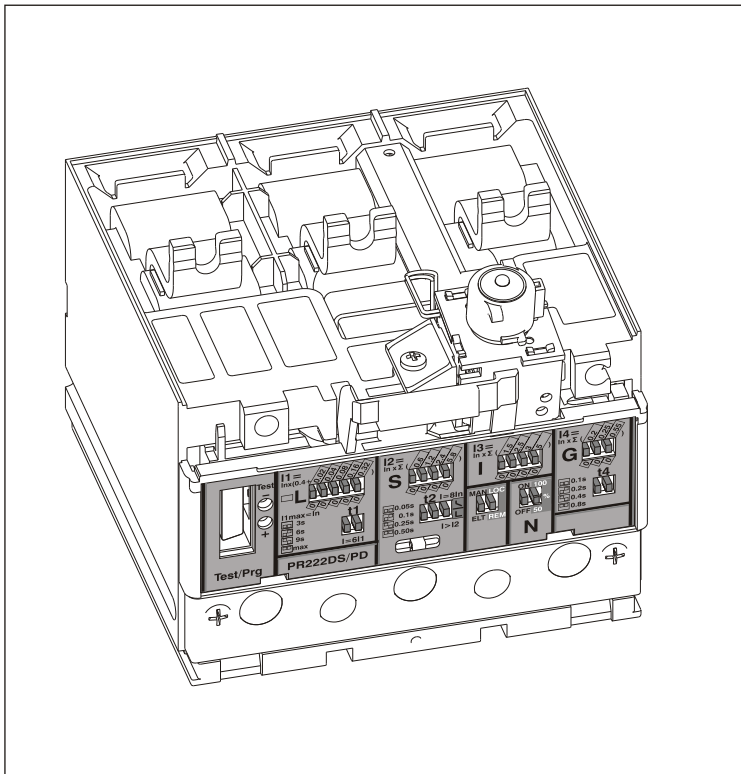
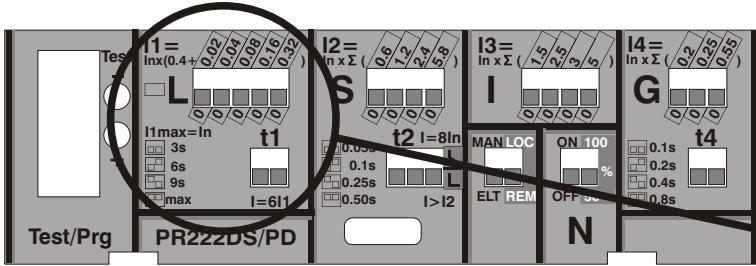


Sganciatori PR222DS/P e PR222DS/PD T4-T5-T6
 Release PR222DS/P and PR222DS/PD T4-T5-T6
 Auslöser PR222DS/P und PR222DS/PD T4-T5-T6
 Dèclencheur PR222DS/P et PR222DS/PD T4-T5-T6
 Relé PR222DS/P y PR222DS/PD T4-T5-T6

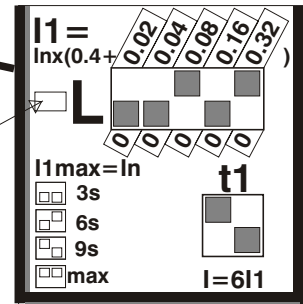


C



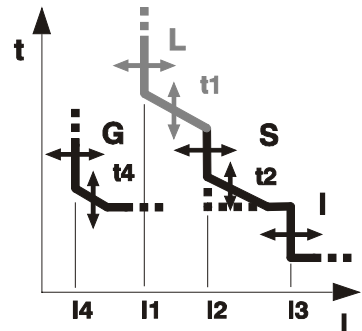
Esempio - Example - Beispiel - Exemple - Ejemplo

$I_n = 100A$
 $I_1 = 100 \times (0,4 + 0,08 + 0,32) = 80A$
 $t_1 = 9s @ 480A (6I_1)$

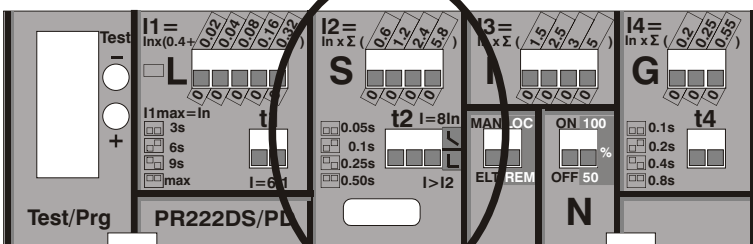


x L >= 90% I1
 L timing

		I1(In)						t1		
		In(A)	0.4	0.42	0.44	...	0.96	0.98	1	max
T4	100	40	42	44	...	96	98	100	18	
	160	64	67.2	70.4	...	153.6	156.8	160	18	
	250	100	105	110	...	240	245	250	18	
	320	128	134.4	140.8	...	307.2	313.6	320	12	
T5	320	128	134.4	140.8	...	307.2	313.6	320	18	
	400	160	168	176	...	384	392	400	18	
	630	252	264.6	277.2	...	604.8	617.4	630	12	
T6	630	252	264.6	277.2	...	604.8	617.4	630	18	
	800	320	336	352	...	768	784	800	18	
	1000	400	420	440	...	960	980	1000	18	

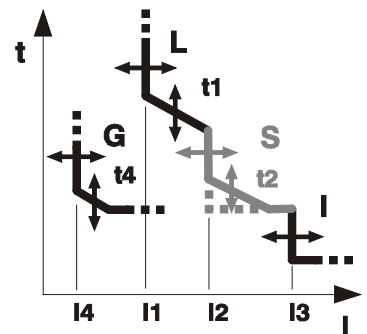
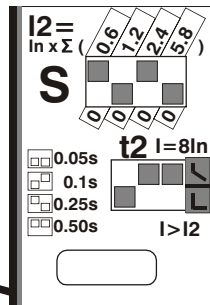


D



Esempio - Example - Beispiel - Exemple - Ejemplo

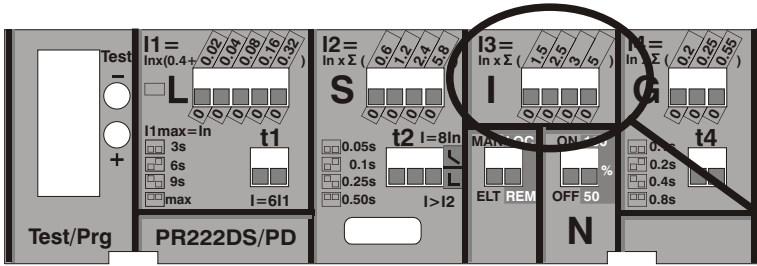
$I_n = 100A$
 $I_2 = 100 \times (0,6 + 2,4) = 300A$
 $t_2 (I^2 = ON) = 0,1s @ 800A (8I_n)$



		I2(In)															
		In (A)	0.6	1.2	1.8	2.4	3	3.6	4.2	5.8	6.4	7	7.6	8.2	8.8	9.4	10
T4	100	60	120	180	240	300	360	420	580	640	700	760	820	880	940	1000	
	160	96	192	288	384	480	576	672	928	1024	1120	1216	1312	1408	1504	1600	
	250	150	300	450	600	750	900	1050	1450	1600	1750	1900	2050	2200	2350	2500	
	320	192	384	576	768	960	1152	1344	1856	2048	2240	2432	2624	2816	3008	3200	
T5	320	192	384	576	768	960	1152	1344	1856	2048	2240	2432	2624	2816	3008	3200	
	400	240	480	720	960	1200	1440	1680	2320	2560	2800	3040	3280	3520	3760	4000	
	630	378	756	1134	1512	1890	2268	2646	3654	4032	4410	4788	5166	5544	5922	6300	
T6	630	378	756	1134	1512	1890	2268	2646	3654	4032	4410	4788	5166	5544	5922	6300	
	800	480	960	1440	1920	2400	2880	3360	4640	5120	5600	6080	6560	7040	7520	8000	
	1000	600	1200	1800	2400	3000	3600	4200	5800	6400	7000	7600	8200	8800	9400	10000	



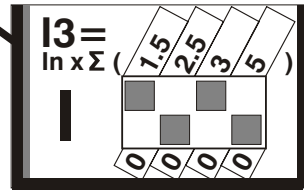
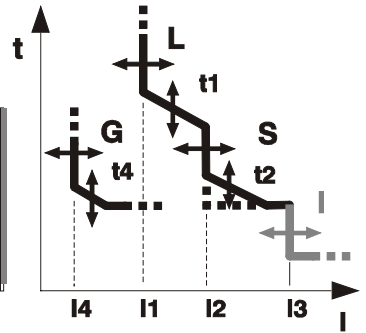
E



Esempio - Example - Beispiel - Exemple - Ejemplo

$I_n = 100A$

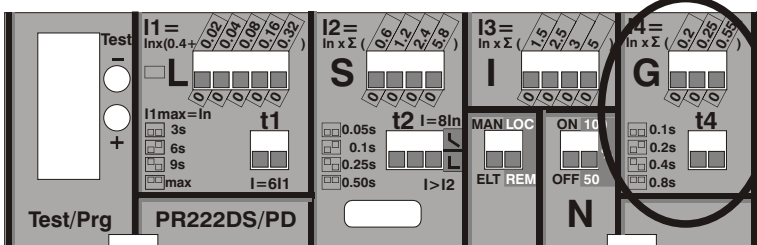
$I_3 = 100 \times (1,5 + 3) = 450A$



	In(A)	I3(In)														
		1.5	2.5	3	4	4.5	5	5.5	6.5	7	7.5	8	9	9.5	10.5	12
T4	100	150	250	300	400	450	500	550	650	700	750	800	900	950	1050	1200
	160	240	400	480	640	720	800	880	1040	1120	1200	1280	1440	1520	1680	1920
	250	375	625	750	1000	1125	1250	1375	1625	1750	1875	2000	2250	2375	2625	3000
	320	480	800	960	1280	1440	1600	1760	2080	2240	2400	2560	2880	3040	-	-
T5	320	480	800	960	1280	1440	1600	1760	2080	2240	2400	2560	2880	3040	3360	3840
	400	600	1000	1200	1600	1800	2000	2200	2600	2800	3000	3200	3600	3800	4200	4800
	630	945	1575	1890	2520	2835	3150	3465	4095	4410	4725	5040	5670	5985	-	-
T6	630	945	1575	1890	2520	2835	3150	3465	4095	4410	4725	5040	5670	5985	6615	7560
	800	1200	2000	2400	3200	3600	4000	4400	5200	5600	6000	6400	7200	7600	8400	9600
	1000	1500	2500	3000	4000	4500	5000	5500	6500	7000	7500	8000	9000	9500	-	-



F

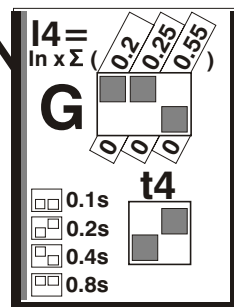
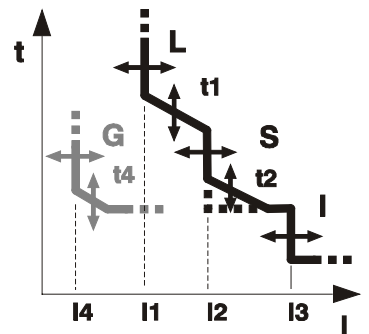


Esempio - Example - Beispiel - Exemple - Ejemplo

$I_n = 100A$

$I_4 = 100 \times (0,2 + 0,25) = 45A$

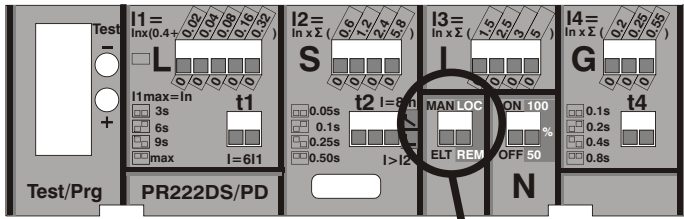
$t_4 = 0,2s$



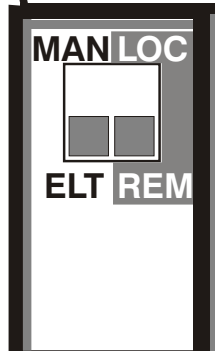
	In(A)	I4(In)						
		0.2	0.25	0.45	0.55	0.75	0.8	1
T4	100	20	25	45	55	75	80	100
	160	32	40	72	88	120	128	160
	200	40	50	90	110	150	160	200
	250	50	62.5	112.5	137.5	187.5	200	250
T5	320	64	80	144	176	240	256	320
	400	80	100	180	220	300	320	400
	630	126	157.5	283.5	346.5	472.5	504	630
T6	630	126	157.5	283.5	346.5	472.5	504	630
	800	160	200	360	440	600	640	800
	1000	200	250	450	550	750	800	1000



G

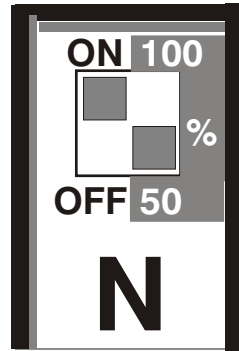
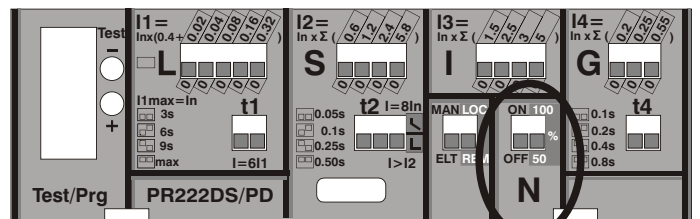


L	1 x In
t1	Max
S	Off
I	4 x In
G	Off



Settaggio di default elettronico
 Electronic default setting
 elektronische Default Einstellung
 Configuration par défaut
 électronique
 Ajuste de default electrónico

H

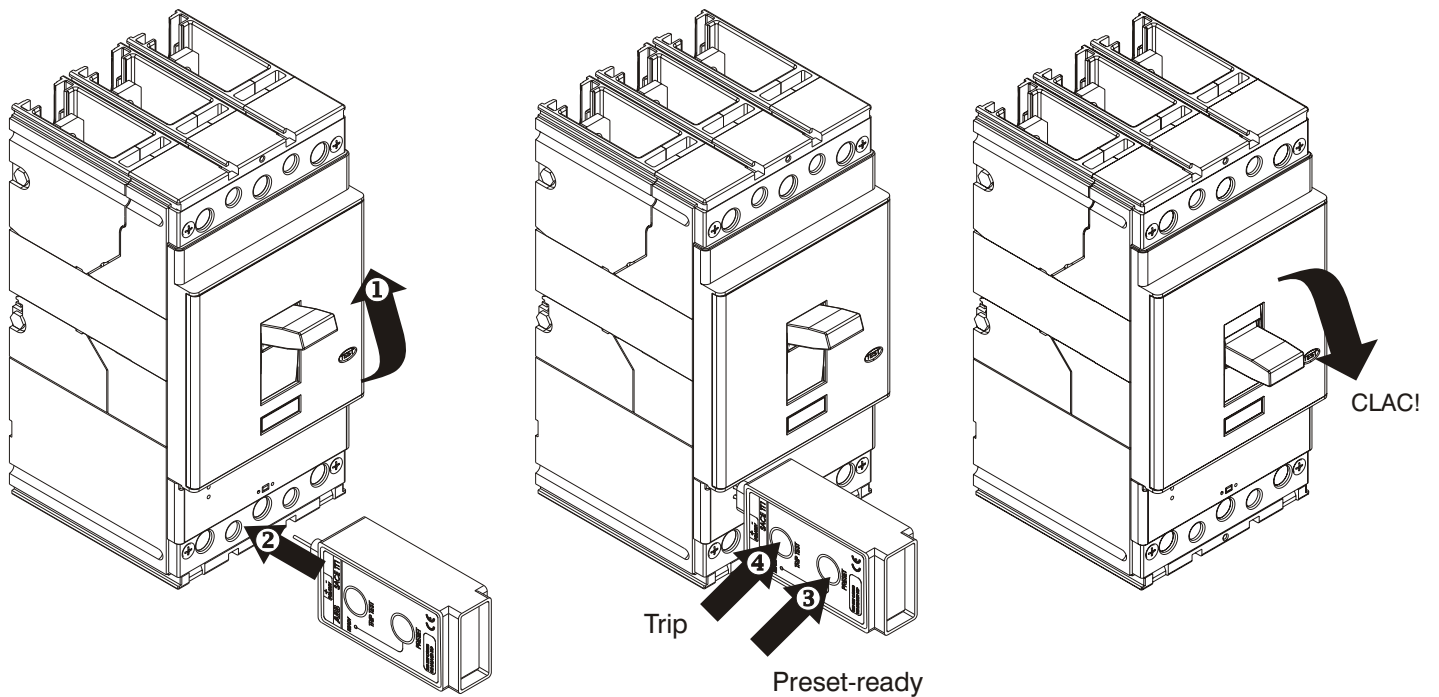


Esempio - Example - Beispiel
 Exemple - Ejemplo

Ne=ON; 50%

I

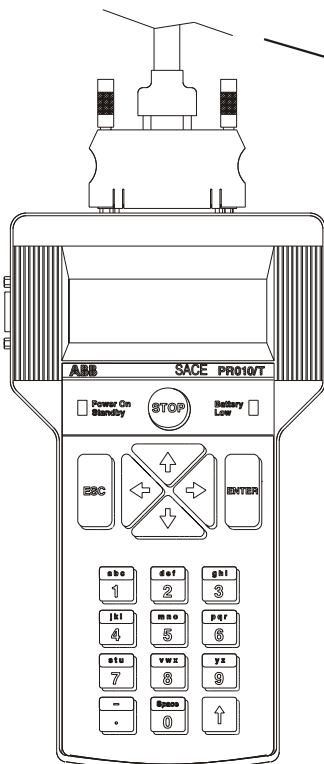
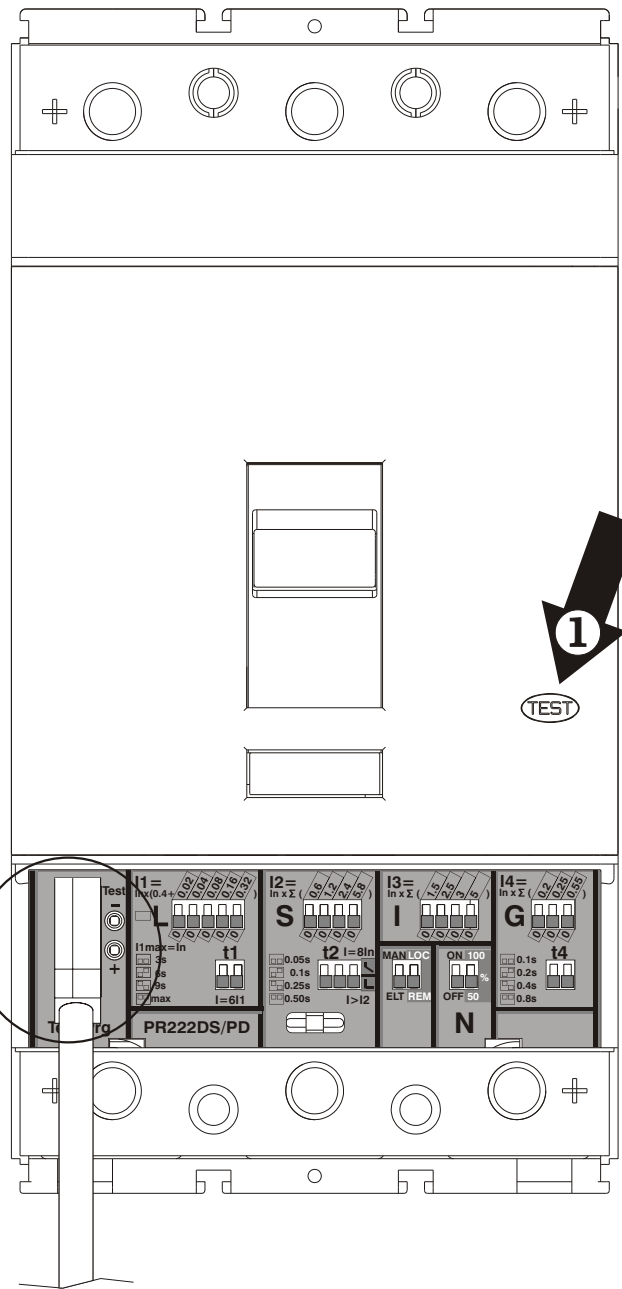
TRIP TEST



L

Programmazione e Test con Unità PR010/T
 Programming and test with PR010/T
 Programmierung und Test mit Einheit PR010/T
 Programmation et Test avec Unité PR010/T
 Programación y Test con Unidad PR010/T

1. posizione leva TRIP oppure OFF per TEST con PR010/T
1. C.B. position TRIP or OFF for TEST whit PR010/T
1. Position Hebel TRIP oder OFF für TEST mit PR010/T
1. position du levier TRIP ou bien OFF pour TEST avec PR010/T
1. posición palanca TRIP o bien OFF per TEST con PR010/T



ABB

ABB SACE S.p.A.
 Via Baioni, 35
 24123 Bergamo Italy

Tel.: +39 035 395.111 - Telefax: +39 035 395.306-433

<http://www.abb.com>