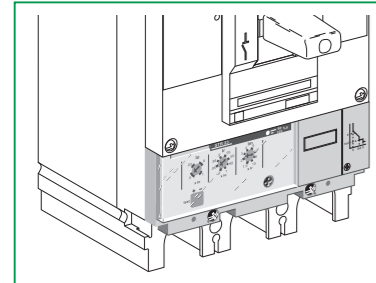


**Compact  
NS400-630  
SNS400-630**

STR trip units  
setting proceedings  
déclencheurs STR  
procédures de réglage



00998262A\_04

**IMPORTANT NOTE**

- This device must be installed by a qualified electrician.
- We cannot accept any responsibility for failure to follow the instructions provided in this document.

**REMARQUE IMPORTANTE**

- L'installation de cet appareil doit être effectuée par des professionnels de l'électricité.
- Le non-respect des indications de la présente notice ne saurait engager la responsabilité du constructeur.

**OBSERVACIÓN IMPORTANTE**

- La instalación y mantenimiento de este aparato sólo debe ser realizado por electricistas profesionales.
- El fabricante no se hace responsable en caso de no cumplir con las indicaciones expuestas en este aviso.

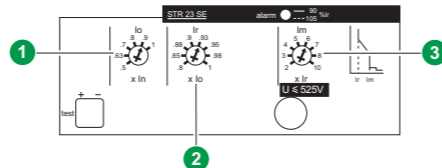
**Schneider Electric Industries SAS**  
35, rue Joseph Monier  
CS 30323  
F - 92506 Rueil Malmaison Cedex

www.schneider-electric.com



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**STR 23SE U - 525V STR 23SV U > 525V**



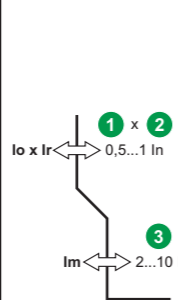
adjust current setting  
réglez les courants

**400A**

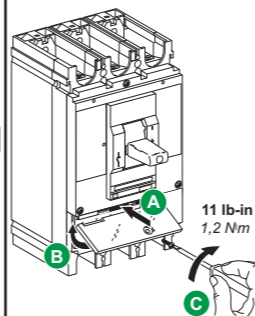
1	2		3								
	lo	lr	1	.98	.95	.93	.9	.88	.85	.8	
1	400	392	380	372	360	352	340	320			
.9	360	353	342	335	324	317	306	288			
.8	320	314	304	298	288	282	272	256			
.7	280	274	266	260	252	246	238	224			
.63	252	247	239	234	227	222	214	202			
.5	200	196	190	186	180	176	170	160			

**630A**

1	2		3								
	lo	lr	1	.98	.95	.93	.9	.88	.85	.8	
1	630	617	598	585	567	554	535	504			
.9	567	556	539	527	510	499	482	454			
.8	504	494	478	468	454	443	428	403			
.7	441	432	419	410	397	388	375	353			
.63	397	389	377	369	357	349	337	317			
.5	315	308	299	292	283	277	267	252			



example:  
In **630A**  
lo 1 0,5 0,63 0,7 **0,8** 0,9 1  
presetting/préréglage: **504A**  
lr 2 0,8 0,85 0,88 **0,9** 0,93 0,95 0,98 1  
Ir = 0,9 x lo = **454A**  
Im 3 2 3 4 5 6 8 10  
Im = 5 x lr = **2270A**

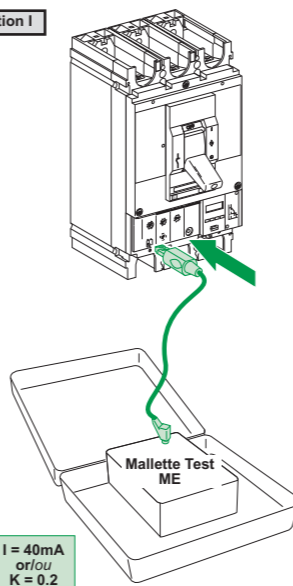


11 lb-in  
1,2 Nm

**STR 43/53**

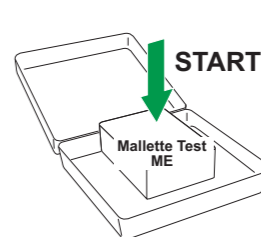
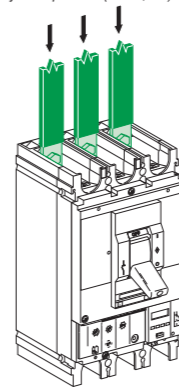
**paramétrage ampèremètre STR43/53  
ammeter parameter settings**

option 1



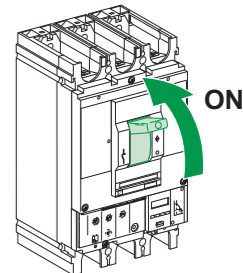
I = 40mA  
or/ou  
K = 0.2

primary injection (min. 0.2 In)  
injection primaire (mini 0.2 In)



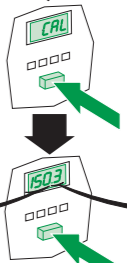
START

or  
ou



ON

or  
ou



rating  
calibre  
150  
250  
400  
600  
630

3 = 3-pole  
4 = 4-pole  
3 = tripolaire  
4 = tétrapolaire

push to modify  
appuyer pour modifier

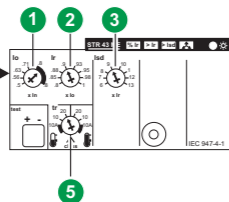
if not pushed for more than 3 seconds → saved  
si pas d'appuie pendant + de 3 secondes → mémorisation

to modify the saved value, press the button for 10 seconds  
pour modifier la valeur mémorisée, appuyer sur le BP pendant 10 secondes



# STR 43

trip unit type type de déclencheur	protection to be set protection à régler			
STR43	1	2	3	5



## adjust current setting régler les courants

### 150A

I <sub>r</sub> / I <sub>o</sub>	1	.98	.95	.93	.9	.88	.85	.8
.8	120	11	11	11	108	105	102	96
.71	106	104	101	99	95	93	90	85
.63	94	92	89	87	85	83	80	75
.56	84	82	79	78	75	73	71	67
.5	75	73	71	69	67	66	63	60

### 250A

I <sub>r</sub> / I <sub>o</sub>	1	.98	.95	.93	.9	.88	.85	.8
.8	200	196	190	186	180	176	170	160
.71	177	173	168	165	159	156	150	142
.63	157	154	149	146	141	138	133	126
.56	140	137	133	130	126	123	11	11
.5	125	122	11	11	11	11	106	100

### 400A

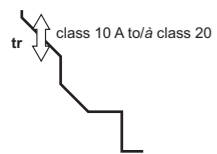
I <sub>r</sub> / I <sub>o</sub>	1	.98	.95	.93	.9	.88	.85	.8
.8	320	313	304	297	288	281	272	256
.71	284	278	269	264	255	249	241	227
.63	252	246	239	234	226	221	214	201
.56	224	219	212	208	201	197	190	179
.5	200	196	190	186	180	176	170	160

### 630A

I <sub>r</sub> / I <sub>o</sub>	1	.98	.95	.93	.9	.88	.85	.8
.8	504	493	478	468	453	443	428	403
.71	447	438	424	415	402	393	380	357
.63	396	388	377	369	357	349	337	317
.56	352	345	335	328	317	310	299	282
.5	315	308	299	292	283	277	267	252

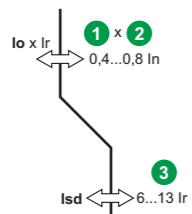
## adjust time delays régler les temporisations

5 long time delay  
temporisation long retard

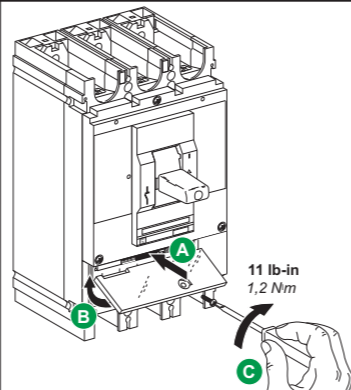
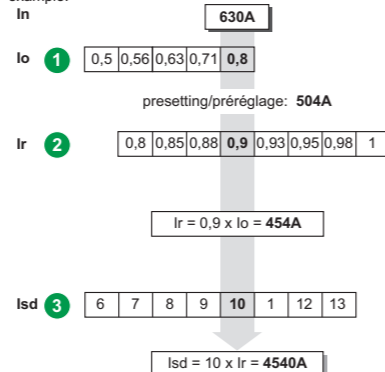


short cooling constant  
constante de refroidissement courte

long cooling constant  
constante de refroidissement longue



example:  
In

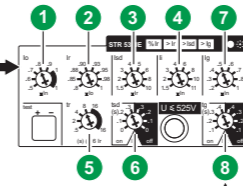


# STR 53

# STR 53UE U - 525V

# STR 53SV U > 525V

trip unit type type de déclencheur	protection to be set protection à régler							
STR53	1	2	3	4	5	6		
option T							7	8



## adjust current setting régler les courants

### 150A

I <sub>r</sub> / I <sub>o</sub>	1	.98	.95	.93	.9	.88	.85	.8
1	150	147	142	139	135	132	127.5	120
.9	135	132	128	125	121	11	11	108
.8	120	11	11	11	108	105	102	96
.7	105	102	99	97	94	92	89	84
.6	90	88	85	83	81	79	76	72
.5	75	73	71	69	67	66	63	60

### 250A

I <sub>r</sub> / I <sub>o</sub>	1	.98	.95	.93	.9	.88	.85	.8
1	250	245	237	232	225	220	212	200
.9	225	220	213	209	202	198	191	180
.8	200	196	190	186	180	176	170	160
.7	175	171	166	162	157	154	148	140
.6	150	147	142	139	135	132	127	120
.5	125	122	11	11	11	11	106	100

### 400A

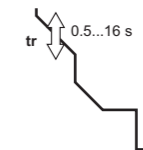
I <sub>r</sub> / I <sub>o</sub>	1	.98	.95	.93	.9	.88	.85	.8
1	400	392	380	372	360	352	340	320
.9	360	352	342	334	324	316	306	288
.8	320	313	304	297	288	281	272	256
.7	280	274	266	260	252	246	238	224
.6	240	235	228	223	216	21	204	192
.5	200	196	190	186	180	176	170	160

### 630A

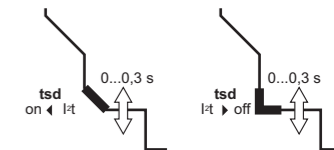
I <sub>r</sub> / I <sub>o</sub>	1	.98	.95	.93	.9	.88	.85	.8
1	630	617	598	585	567	554	535	504
.9	567	555	538	527	510	498	481	453
.8	504	493	478	468	453	443	428	403
.7	441	432	418	410	396	388	374	352
.6	378	370	359	351	340	332	321	302
.5	315	308	299	292	283	277	267	252

## adjust time delays régler les temporisations

5 long time delay  
temporisation long retard

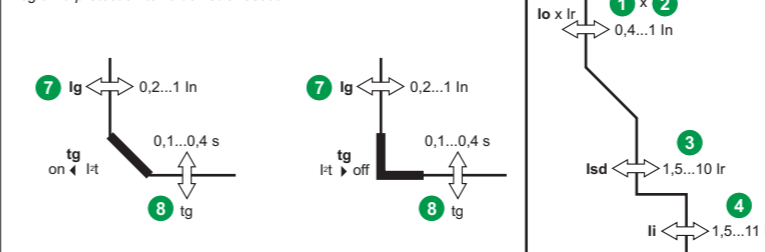


6 short time delay  
temporisation court retard



## option T

## adjust the network earth fault protection régler la protection terre de votre réseau



example:  
In

