

Crompton Instruments

Garanti: 12 ay
Bu ¼r¼ne ait T¼rkiye i¼i kapı teslim fiyat ve teslim s¼resi i¼eren teklifimizi almak i¼in info@yursat.com.tr e-posta adresine baŐvuru yapabilir ya da ayrıntılı bilgi i¼in +90 224 240 03 04 numaralı telefonumuzdan bizlere ulaŐabilirsiniz.
Crompton Instruments Markası, tedarik s¼resi i¼in l¼tfen bizimle iletiŐime ge¼iniz.

Firmamız Crompton Instruments T¼rkiye Distrib¼t¼r¼ veya temsilcisi deĐildir. Firmamız sipariŐ durumunda, belirtilen ¼r¼nlerde sadece Orjinal ve yeni ¼r¼n teklifi sunmaktadır. Bu sitede g¼sterilen ¼zel marka adları ve ticari markalar ilgili sahiplerinin m¼lkiyetindedir, talep durumunda kaldırılmaktadır.



¼r¼n	A¼ıklama
PLL/D 100/120 (57,7/69,3V) "	Synchro-check Relay PLL/D-100/120 DIN-rail mounted Selectable Rated Voltage range: Un 57,7/63,5/69,3 V L-N (100/110/120V L-L) Rated Frequency: 45-65 Hz
256-PLLG - 110V 50/60Hz (ANSI 25)	SYNCRO-CHECK (PARALLELING) Single or 3 Phase, 3 or 4 wire Phase Angle and Voltage Live Bus Rated input voltage 110V AC 50 Hz
039-22204-0110 PLL/D 100/120 (57,7/69,3V) "	
RELAY 256-PLL/D 110V 50HZ SYNCHRONOUS CONTROL	
039-99999-9999	E244+02Q+G+PZ+PZ+C7+SW3 VOLTMETER 0-150V PART NUMBER E244+02Q+G+PZ+PZ+C7+SW3 CROMPTON 0-150V RANGE SCALED 0-150VAC FREQUENCY 50/60 HZ
016-02aa-Lsua	
M244-156-G-PI-Zh-C6	
016-05na-Fapz	

237-02aa-Lspb	
215-01va-Xxxx	
5sft-401	
016-156a-Pnzh-C6-Fs	
253-Tvlu-Pqhg-C6-Dg	
0121a08938	
016-01aa-Exxx	
013-01va-Lc	
016-01ra-Hgnp	
362-01w-Ntnt	
083-80vb-Nlnl	
01602aalsy1cea1a	
7sht-102	
07708aalspk	
07705falspkc6	
573645	
007-05fa-Lsnt-C7	
E244-02v-G-Zd-Sf-C7-Vr	
E243-02v-G-Z9-Sf-C7-Vr	
256-Ttau	
256-Ttvu-Pzfa-Pq	
8rl-122	
19sht-601	
76rl-301	
077-219a-Qlvn-C6	SWITCHBOARD AC WATTMETER 3 PHASE 4 WIRE INPUT L/N VT RATIO: 277/69V CT RATIO: 3000/5A SCALE 0-2400 KW 60HZ
013-75aa-Lspb-C6-B3	
7sht-162	
76rl-751	
Msqavv300	

256-Plu-Pqbx-C6	
016-02aa-Lsni-C6	
Pb039I	
252-Pvru-Pqbx-C6	
Int-1533-L-5-M-011-1	
077-05fa-Lspb-C7	
128-10ga-Faud-0-5000rpm	
M55e-94c-Nplsdl-C7	
244-05vg-Mtap-Er-Ct-4t	
262-Ddvu-Ecrx-A5-01	
76rl-182	
256-Patu	
128-10da-Hgxx-VI	
5sht-101	
262-Ddtw-Hgt-Bd-24vdc	
262-Dgbu-Lsrl	
016-02aa-Lssf-C7	
239-302a-Ecls-Ac-S1-S2-C6	
078-219j-Qqzr-C6-Sm	METER 0-1000KW
250193	
239302alslsac	
077-11-Aa-Exuz-Sm	
016-41sa-Rpaj	
549-80aa-Hgxx	
077-08va-Pzwd-C6	
2rl-800	
016-03va-Pzzz	
Va-Rlrl-Sm	
253-Tarw-Lahg-C5-Ae	
252-Psgu-Rmbx-C6-T1-Ia	
256-423b	

252-Phuw
007-219a-Qqvj-C7
Tm-500-50
E244-05r-G-Hg
8sht-501
077-05fa-Lspk-C7
253-Thzu-Pqhg
239-302a-Lspq
252-Pvju-Sebx-C6-Eb-T2-20s-Time-Delay
016-02aa-Lspk-C7-S2
239-301a-Pzrx-Ac-S1
256-Patw
253-Tvru-Sems-C6-Dg
243-022g-Nnp-Er
253-Taru-Lsfa-C6-Dg
882-92uu-Pkec
016-02aa-Lele-C6-S2
016-02va-Pzsj-C6-S2
Int-0344-Elv-5-L-Oe
2sft-2250
Fn-100-50
016-02aa-Lspk-C6-S2
077-08-Aa-Lssh
7rl-122
233-02-Aa-Njni
256-Twmw-Qzfa-C5-Vn
007-156a-Pnzh-C6
Tm-300-50
Int-1533-L-5-M-000
077-08da-Lsnu-C6

252-Paog
007-05ga-Sfsf-C7
76rl-801
76rl-251
077-219a-Qqw4-C6-Cw
6sht-601
007-05famtm-C7-Sm
Rr2635
3687602
125-102
Lcsack37
460-208
Ih13/415v
077-05fa-Lswa-C6-Sm
016-02aa-Lstc
256-Twsw-Q9hg-C5-Wt-A2
805-940u-Pkls
239-302a-Fapk-Ac-S1-S2
6sht-401
Fn-5-50
644b37a22
256-Pllu-Sebx-C6
016-02aa-Lsrx-C6
7rl-301
077-302a-Mtmt-Dg
7sft-601
077-05ga-Pzw4-C7
016-02
Ci3-01
E244-02v-G-Pu-Ue-C7-Vr

007-05aa-Fa**/600aac
7sft-152
077-301a-Hgtm-Dg-C6
016-02aa-Lsue
239-301a-Lsnt
Ma5g-100/5
256-Twmu-Qqfa-C14
Int-1534-M-5-M-000
6rl-801
077-Dibo-Lssj-Ar-A5
016-02aa-Lssf-C6-Mg-Br
19sht-302
262-Ddbu-Ls**-C6-A5-02/0.30aac
Tm-150-50
253-Phdu-Sebx-C6-Ee
Kbp-17dg-24
227-02aa-Lsmt
3s-Dvv-010
244inmwpqa200000
262-Dgaw-Efss-Bd03
239-302a-Lspz
7rl-152
7sht301
239-302a-Lsxx-Ac-S1-S2
2sht-101
239-301a
5rl-601
E244-02a-G-Ls-A3-C5
19sht-102
7sft-101

Int-1563-M-5-M-010	
253-Tvru-Pqfa-C6-Dg	
460-600	
125-162	
239-300b-Lsrx-Ez-Pd	
07705gapzrxc6	
Fh-500-50cal	
239-302a-Lszz-Ac-S1-S2	
7rl-751	
239-302a-Lspk-Ac-C6-S1-S2	
363-01aa-Hfip	
07716fulsls	
Rr3206	
077-05wa-Lsw4-C6	
Fn-10-50	
782-943	
007-302a-Rrxr-C6-Dg	
Rr2238	
Fh-300-50	
262-Ddru	
3s-Dmv-050-Sj-S4	
078-05r-0-200	
013-75va-Pzsj-C6b3	
239-301a-Hgpk-Ac-S1	
077-14du-Pqyy-Fq	360 DEGREE LED SYNCHROSCOPE 120V
7sft-501	
239-302a-Hhzz-Ac-S1-S2	
781-943	
016-03aa-Lszz	
235-02aa-Lssm	
08aa-Lste	

016-02aa-Lsrl-C6-S2	
Tm-100-50	
077-05ga-Pzsj-C6-Sm	
8sht-252	
Rr2297	
253tvlwpzhgc5a5	
253-Phdw	
373-Elrw-Cbc5-A3-St	
Pe301-300/5	
170sht402	
016-01aa-Ecpk	
2sft-101	
256-Twlw	
252-Phug-Shbx-C6-Eb	
077-08aa-Lspb	
07705falspb	
Fn-500-100	
Rr2229	
262-Ddvv-Mtpk-Bd	
256prcur2bxdgrol	RELAY
2sht-301	
807-940u-Sjls	
Fn-300-50	
Int-1533-L-5-M-010	
016-03aa-Lspb-C7	
Tm-250-50	
007-05va-Pzpz	
02vapzsm	
E242-756a-G-La-Zu-C7-Er	
Tm-30-50	

262-Ddd
2-RI-600
215-01aa-Exnt
016-210aqqxc
077-05fa-Lsw8-C6
Rr3259
FI-2500-50
6rl-751
2rl-121
19sht-162
253-Tarw-Lahg-C5-Af
016-01ra-Hgpk
237-302b-5a-0-200a
491942-027
E243-02a-G-Ls-Pb-C7
Tm-1000-50
7rl-201
239-302a-Fb-Ss-Bi-Dc
252-Phou-Pqbx-C6-Ea
256-Twmw-Qzhg-C5-Vn
6rl152
5sht-601
5rl-201
252-Pao4-000422
012-01va-Llj-B4
Ma5p-94f-Mtlswj-C7
253-Tvau-Pqfa-C6
077-08a
2s-Aacx-300
6sft-101
491942-066-D-V

077-08va-Pzsj
2sft-151
007-05ga-Pzpz-C6
016-02aa-Lsig
016-02aalsngc6
E243-02q-G-Sf-Sf-C7-Sw3
077-Diwu-Pzsj
802-940u-Pkls
3592601
5sht-151
253-Tvaw
016-01va-Rrx
016-054a-Faad
016-02aa-Lspk
047-01aa-Faxx
103-281a-Ufn7brd
2sht-800
256-Twrw
262-Ddvu-Mttm-Bd
016-02va-Sjsj
56sft-500
6na20b
233-02aa-Lspb
235-02va-Pzpz
244-Hwqg
Fn-2-50
M93I-94b-300/0.1
100-122
6rl-251
5rl-301-LI48

5rl-101
E24402vpzpz
E243-01a-G-NI-NI
2rl-750
016-026a-Lspd-C7
2rl-101
798-941u-Pzls
Fn-25-100
8rl-501
256-Twnu-Qqfa
225-01va-Mtxs
100-201
180sht-152
8rl-301
262-Ddvu-Nwnw
Tm-800-50
Fn-25-100calibrated
239-302a-I3lj-Ac-S1-S2
262-Ddvu-Mtpq-01
016-02aa-Lspk-C6
252-Pauu-Lsbx-C6-Dg-D1-Eb
812-943
Va-Mtmt
6sft-701
2sft-1250
Int-1533-M-5-M-010
239-302a-Rrx-Ac-S1-S2
239-302a-Lspk-Ac-S1-S2
6rl-601
Int-1543-120-5-M
253-Trr

[077-05fa-Lssj-C7-Er](#)

[016-02aa-Lspz](#)

[FI700050](#)

[E244-16a](#)

[244-0522-212533](#)

[M55j-400/5](#)

[007-05fa-Ndnd-C7](#)

[Opt-1530-200](#)

[262-Ddtu-Hg-0-100-Pq-69-Open](#)

[01602vasjsjc6s2](#)

[262-Dda](#)

[253-Pvmw](#)

[351285](#)

[E243-02a-G-La-Nw-C7](#)

[2sft-800](#)

[56sft-251](#)

[016-156a-Pnzh-C6](#)

[239302alsnt](#)

[016-02va-Rrx](#)

[239-304a-Rrx-Ac-S1-S2](#)

[215-01va-Rrx](#)

[Tm-50-100](#)

[078-05aj-Eysm](#)

[7rl-251](#)

[016-01ra-Hgy1-A1-A2-S2](#)

[5sft-102](#)

[2rl-401](#)

[262-30a-Ac-01](#)

[6sft-801](#)

[5sft-201](#)

262-Ddtj-Fa-120v
262-Ddvu-Mtsm-Pq-61
Fn-400-50
256-Phvu-Nwbx
2rl-500
E244-01b-G-Ls-RI
01602lsnd
239-304a-Lspk-Ac-S1-S2
016-01aa-Expz
244inmwvua248a2p
077-Ijmu-Pqa5-Oe
E243-01v-G-Rs-Rs
256-Tvru-Rmmt-C4-Dg
016-01aa-Drdr
256-Twmu-Qqfa-C6-Xc
253-Taru-Lshg-C6-Dg
5sht-401
262-Ddbu-Lsrl-C6-Pq-02
253-Talu
016-02va-Pzpz-C7
128-101ga-Hgax-0-250degf
256-Twmw-Qafx-C5-Yc
807-941u-Pkls
Int1564m5I0131
Int-1532-L-5-L-010
253-Taag-Lshf-C5
252-Pvou-Pqbx-C6-Ea
235-02aa-Lspb
01602vapzpz
262-Ddju-Zztm-Z1-61
262-Dgwu-Pzua-C6-Pq-11

239-303a-Pqrx-Ac-S1-S2
E24301rghgpkwh
5rl-122-Ll
077-08va-Pzx1-0-15ackv
016-01aa-Hgzy
016-156a-Pnzh-C6-Mg
7sft-801
8sht-801
252-Pauu-Lsbx
E244-02a-G-Ng-Ng-C6-W h
806-943u-Pzls
256-Ttvu-Mahg-C6
007-301a-Pzrx-Dg-C6
Pr45aaaa005200
016-02aa-Lssj
252-Xalu-Lshg-C6-Bd
4-Pbs-Daa-200
2-RI-301
Pe201-80/5
Watt.Metr.001
07705falsrxc6
10ga-Fafa-0-100-Percent
239-303a-Farl-Ac-S1-S2-Fk
243-026g-Lsnj-C5
253-Phdu-R6bx-C6-Ee
256-Twnu-Qqhg-C6-Xc
2sft-301
14rl-101
253tvlpqhg
76sft-601

016-01-Ra-Hgxs
19sht1521
Tm-60-50
256-Pasw
8rl-162
Sc5-2500/5a
217-01-Aa-Famt
80025-890-03
5rl-501
861-92mg-Pkef
2ct140b
007-05ra-Hguw/Kilowatts
016-41sa-Pnan-An-S2
077-218a-Qqhg-C6
56sft-751
239-302a-Lsrx-Ac-S1-S2
077-Diba-Mtmt-C6-A5
239304hgpkpqfk
256-Txmu-Qqfa-C6
7rl-601
016-02va-Sjsj-C7-S2
239-304a-Ecnd-Ac-S1-S2
016-03va-Pzsj
E243-026a-G-Mt-Mt-C7
Fj-1500-50
5rl-401-LI48
077-05fa-Lsss-C6
077-218a-Qqrl
016-02aa-Lsnp
76sft-182

E24402vpzrx
077-Diba-Lssc-C6-A2
256-Tvlu-Pzhg-C6-Dg
Int-1532l-5-M-000
007-05fa-Lssc-C7sn
100-801
7sft-751
76sft-202
Fn-50-50
E243-02v-G-Pq-Xx-C7-Vr-0-12000kv
E242-75v-G-Sf-Sf-C7
256-Tvru-Semt-C6-Dg
E243-01a-G-Mt-Mt
256-Tynw
083-75ab-Lsrl-C6
016-02-Aa-Mtmt/10a
19sht-801
Va-Rrx-Sm
077-Dita-Fa-Pq
256-Pllu-Pqbx
253-Talu-Lshg
250-Isau-Hf
016-01aa-Exrs
762390
5sft-151
Integra-1000
7sht-501
8sht-402
Fn-20-50-Calibrated
2sht-251
01275aalsscc6b3

Fi-1000-50
252-Xvlu-Pqhg-C6-Pq
217-01aa-Exrl
19sht-401
016-02aa-Lsmt
170-Sht-301
077-08aalsua
E243-01v-G-Ls-E4-Sl
A59-B25-A5
7rl-162
252-Pvzw-Zkxb-C7-Ea-T1-Bf
0221b00183
10ga-Hgxs-0-1000f
256-Paru-Lsbx-Pq-C6-Ea
253-Pavu
786-946
244-05rg-Hg
243-05rg-Hg
45786305
256-Twmu-Qqhg-C6-Sc
016-026b-Lsls-C7
007-05aa-V4tm-Sn
243-155g
85479a/A2
007-05ga-Rrx-C6
262-Ddbu-Mtmt-Vx
262-Dgwu-Sfsf-C6-Pq-15
7sht-101
5sft-751
007-05va-Mtsn/Fpm

077-05aa-Exnl	
56sft-601	
6rl-102	
467-277	
007-05fa-Lsmt-C7	
262-Ddvw	
077-08-Aa-Lssu	
Fh-50-50	
252-Paou-Lsbx-C6-Dg	
252-Phug-Pqbx-C6-Eb	
7sht-122	
Fh-200-50	
M55e-80/5	
8rl-322	
6sht-301	
016-01aa-Faxx	
E243-01a-G-Nt-Nt	
253-Papu-Lsbx-C7-Am-D1-Ea	
256-Taru-Lsfa-C6-Dg	
FI450050	
Rr2607	
244-14dg-Pmbx-F-Q	ANALOG DIN METER MODEL 244 96MMX96MM, ROHS COMPLIANT: NA
Int-1544-480-5-L-M	
253-Phdw-Rrbx-C5-Ec	
007-05fa-Lsrx-C7	
788-944	
5sht-501	
252pauulabbx	
5sht-301	
243-026g-Lsnt-C5	

7rl-401
E243-01v-G-Np-Np
E243-01v-G-Mt-Mt
016-02aa-Lsnw-C6-Mg
Int-1534-L-5l-010
016-02aa-Lsrl-C7-S2
549-78aa-Lsnt
Aa-Fapk
256-Xymw-Qahg-C3-Yc-Bf
262-Ddvu-Z4ss-Pq-31
5sft-122
239-302a-Lspz-Ac-S1-S2
2rl-151
Fh-500-50caldu
E244-41d-G-Pl-Ag-Ag
Tm-1200-50
007-05ga-Rrx-C7
Cbt-94f-035
7sht-251
244-Inkw-Qqa2
256-Twnu-Qqfa-C6
01602aalsrxc6s2
256-Tmw
016-01ra-Hgsf
2sht-750
262-Ddvu-Mtsm-Bd
P01602aangng
075-05ga-Pzwc-Mg
239-305a-Lsng-Ac-S1-S2-Fk
239-3024-000193

007-05fa-Lsrl-C7
244-302g
2sht-121
8sht-202
E243-026a-G-Ls-Zu-C7
256-Xwmuqqfa-C3-Xs
007-218a-Qqvf-C6
8sht-162
253-Trrw
76rl-122
Rr1764
016-026b-Ngng-C7
016-11-Ra-Hgxs
256-Txmu-Qqfa-C6-Ss
Fn-200-200
128-10rb-Hgxx-VI
2-RI-201
235
256patulsbxpqc6e
120-402
007-05ra-Z2**/1500-0-6000ackv
8sht-122
FI600050
077-05ga-Sjsj-C7
Tm-125-50
76rl162
103-281a-Yyy7jyo
484699
E244-80I-G-Pz-Wc-C7
E244-015-G-Fa-We
7sht-751

180sht-151
007-05ga-Pquu-C7
253-Phdg
078-05vj-Rsrs
016-02aa-Lsxx
250191
016-156a-Sezh-C6
8sht-751
7sft-301
262-Ddv
Int-1534-L-5-M-000-Tc-Mg
236021
807-941u-Rlls
5sht-801
7rl-101
262-Ddbu
256-Twmu-Qqhg-C6-M
M55e-94
6sht-151
Rr3226
Rtg
239-301a-Lspz
56sft-750
Rr1791
243-022g-Mtmt-Er
262-Ddvu-Mtmt-Pq
Int-1533-M-5-M-000
8rl-252
E243-026a-G-Ls-Sc-C7
256-Twlu-Qqhg-C6-Ss

787-4
6sft-501
256-Twmuqqhh-C6-Ss-Bd
FI-3000-50
33763a00
E242-89v-G-Mt
077-Diau-Ey-Bd
780-943
256twnuqqfac6tc
76sft-201
007-05fa-Lstm-C7
805-940u-Pzls
7sht-601
128-10aa-Faxx
E243-02v-G-Sf-Sf-C7
262-Alg
016-01ra-Hgzz
244-80g
243-01vg-Mtxx-1t
235-02aa-Lssn
01602vasjsjo6s2
5rl-801
Fi-800-50
253-Padk-Lsbx
100-301
Fn-250-50
256-Twnu-Qqhg-C6-Dg
8rl-251
Tm8550
500738
8sht-322

T22302vbnnpn
077-11-Aa-Eaxs
077-427a-Qaad-C6
007-Dita-Y7**-A2/50/0/50mgvrs
013-75aa-Lsnt-C6-B3
Tm-15-50
128-10gahgxx
243-0262-214847
798941upkls
235-02aa-Lspk
077-Tfua-Qqad-C6-Sn
007-05ga-Pzsj-C7-Sm
343387/B
262-Dqbu-Lsni-C6-Ps-02
256-Phvu-Pqbx-C6
256-Pllu
Tm-100-100
Fh-80-50
077-427a-Qsad
215-01ca-Gzgz
253-Talu-Lshg-C6-Dg
077-41la-Pnan
Int-0343-Elv-5-L-Oe
08vasjsj
256-Twmu-Qqhg-C6-Ss
252-Pvuk
M63m-200/5
077-427a-Qqad
863-92mg-Rxef
76rl-201

007-05ga-Pzul-C7
256-Twmu-Qqfa-C6-Zu
8rl-302
Int-1532-L-5-M
262-Ddbu-Lstm-C6-A5-61
016-02-Aalsnt-C6-S2
2830-1041-Pzu
373-Gfrw-Shc6-A1-Sp
007-301a-Ecpb-Dg-C6
252-Psfu-Pqbx-C6-T1
077-05ga-Pzwd-C7-Sm
5sht-751
E244-02v-G-Pq-Sj-C6
256-Pasu-Lsbx-Pq-C6-Ea
19sht-152
078-05r-0-100
Sc2-1000/5a
7sft-151
016-01aa-Gbsn
2830-1161-Lsrx
077-05ga-Pzw6-C6
016-010
239302alsls
Tm-20-50
016-02aa-Ndnd-C7
D2aa-Lsls
262ddvu-Hftm-Pq-61
814-941
Fn-10-100
227-02aa-Lssu

8-Sht-102
E244-02a-G-Ls-RI-C7-W h
239-301a-Lsls-Bd-S1
19sht-751
253-Tarw
100-162
244-01vg-Mtnj-1t
125-751
2-Sft-500
E244-01n-G-Ng/10-0-10vdc/130%
Tm-40-50
549-78aa-Lspz
Rr2701
Fi-1200-50
549-156a-Pnc6-Zh
8sht-401
76sft-102
244-14lg-Pmbx-Fq
252paoulsbxc6dgd1ea
6sft-751
19sht-122
239-302a-Lsrl-Ac-S1-S2
100102
016-02aa-Lssc-C7
077-05fa-Lsue-C6-Sm
180sht-401
7rl-102
016-013a-Fapq
077-Ditu-Fr-Ar-0-7.5
253-Talu-Lshg-Ai

077-05fa-Lsrx	
077-08aa-Ls	
253-Taru-Lshg-C5-A5	
262-Ddvu-Ectm-Pq-61	
007-05fa-Lstu-C7	
5sft-601	
R-016-01va-Mt0-5000	
244-80lg	
237-302b-Hh	
Tm-200-100	
239-304a-Lspz-Bd	
253-Thzu-Pqhg-An	
239302acypzacs1s	
251696	
077-05-3rvrx-150v	
215-01aa-Ecsu	
76rl-601	
262-Ddtu-Hg**-A2-15	
440741	
363-01ba-Hyxx	
J-Qqhg-120v	
256-Prbu-Rebx-Do-Ro-Li-Rb	256-PRBU-REBX-DO-RO-LI-RB HOT SPT 3, 100 OHM PLATINUM, 0-150 DEG C SP1. 130 DEG C SP2. 150 DEG C AUX. 254V, 60HZ, RELAY DE-ENERGIZE
078-41lj-Pnan-An-Sr	
Int-1564-L-5-L-014-1	
Int-1564-M-5-L-010	
077-05fa-Lsmt-C6	
256-Xymw-Qahg-C3-Xz-Bf	
467-208	
252-Pbtu-Ecbx-Dg-T1-Ea	
256-Twmu-Qqfa-C6-Ss	

[239-302a-Ndnd-Ac-S1-S2](#)

[239301b](#)

[76sft-301](#)

[5sht-122](#)

[5rl-750](#)

[016-026b-Lspb-C7-Mg](#)

[806-940u-Ssla](#)