SEL-651RA

Traditional Retrofit Recloser Control (14-pin) With Automatic Network Reconfiguration, Harmonic Analysis, Six Voltage Inputs, EZ Settings, Power Quality Monitoring, 8 Settings Groups, Template Storage, SEL Fast SER, DNP3 Level 2 Outstation, and 120/230 Vac or 125/250 Vdc Power Supply With Integral Battery Charger

Standard with ACSELERATOR QuickSet® SEL-5030 Software (1)

Part Number:	0	6	5	1	R	Α	0	1					A		Α				
Firmware																			
Standard							0												
Conformal Coat																			
None									Χ										
Conformally Coated Circuit Boards*									1										
Secondary Input Voltage																			
Single Phase Only (300 Vac Max Input)										1									
(6) 300 Vac Max Inputs*										Α	\								
(3) 8 Vac Max LEA Inputs ⁽²⁾ and (3) 300 Vac Max Inputs*										В									
(3) 8 Vac Max LEA Inputs and (3) 120 Vac, 1M Lindsey SVMI LEA Inputs ⁽²⁾ *										С									
(3) Kyle Nova LEA Inputs ⁽²⁾ and (3) 300 Vac Max Inputs*										D									
(3) Kyle Nova LEA Inputs and (3) 120 Vac, 1M Lindsey SVMI LEA Inputs ⁽²⁾ *										Е									
(3) 300 Vac Max Inputs and (3) 120 Vac, 1M Lindsey SVMI LEA Inputs ⁽²⁾ *										F									
(6) 8 Vac Max LEA Inputs ⁽²⁾ *										G	ì								
Secondary Input Current																			
1 A Phase, 0.2 A Neutral											Α								
1 A Phase, 0.2 A Neutral With High- Impedance Fault Detection*											G								
Extra Inputs/Outputs																			
None												Х							
(2) 125 Vdc and (5) 12 Vdc Inputs/(8) Standard Outputs*												Α							
Communications Interface																			
(1) 100BASE-FX, EIA-485*													D						
(2) 10/100BASE-T, EIA-485													E						
(2) 100BASE-FX, EIA-485*													F						
(1) 10/100BASE-T, (1) 100BASE-FX*													L						
Communications Protocol																			
Standard														1					
Standard Plus IEC 61850*														2					
User Interface																			
Configurable Labels ⁽³⁾																2			

Configurable Labels ⁽³⁾ and Tri-Color LEDs*										3				
Enclosure														
Painted Aluminum											1			
Painted Aluminum With Standard Outlet*											2			
Painted Aluminum With GFCI Outlet*											3			
Battery Option														
None												Χ		
12 V, 16 Ahr												1		
12 V, 40 Ahr*												2		
Accessory Infrastructure														
None)	K	
Accy Mtg Kit w/ 12 V Aux TB*													1	
Fuse Block for Field Wiring*													2	
TB Wired to I/O ⁽⁴⁾ *								Α					3	
100 W Heater* Accy Mtg Kit w/ 12 V Aux TB and Fuse													4	
Block for Field Wiring*												/	4	
Fuse Block for Field Wiring and TB Wired to $I/O^{(4)*}$								Α				E	3	
Accy Mtg Kit w/ 12 V Aux TB and 100 W Heater*												(
Fuse Block for Field Wiring and 100 W Heater*)	
Accy Mtg Kit w/ 12 V Aux TB, Fuse Block for Field Wiring and 100 W Heater*												[
Fuse Block for Field Wiring, TB Wired to I/O ⁽⁴⁾ and 100 W Heater*								Α						
LV Close and Secondary Input Vol	tag	e C	onr	nec	tors									
None													Х	
Low-Voltage Close Connector (2-Pin Female)*													1	
8-Pin Connector for Voltage Inputs (MS5015 Size 22)*													2	
8-Pin Connector for LEA Voltage Inputs													3	
(MS26482 Size 12) ⁽⁵⁾ *														
4-Pin Connector for LEA Inputs (MS5015 Size 22) ⁽⁶⁾ *													4	
Low-Voltage Close Connector (2-Pin Female) and 8-Pin Connector for Voltage Inputs (MS5015 Size 22)*													А	
Low-Voltage Close Connector (2-Pin Female) and 8-Pin Connector for LEA													В	
Voltage Inputs (MS26482 Size 12) ⁽⁵⁾ * Low-Voltage Close Connector (2-Pin														
Female) and 4-Pin Connector for LEA													С	
Inputs (MS5015 Size 22) ⁽⁶⁾ * 8-Pin Connector for Voltage Inputs (MS5015 Size 22) and 8-Pin Connector for							В						D	
LEA Voltage Inputs (MS26482 Size 12) ⁽⁵⁾ *														
8-Pin Connector for Voltage Inputs (MS5015 Size 22) and 4-Pin Connector for LEA Inputs (MS5015 Size 22) ⁽⁶⁾ *							D						E	

Low-Voltage Close Connector (2-Pin					В						F		
Female), 8-Pin Connector for Voltage Inputs (MS5015 Size 22) and 8-Pin													
Connector for LEA Voltage Inputs													
(MS26482 Size 12) ⁽⁵⁾ *													
Low-Voltage Close Connector (2-Pin					D						G		
Female), 8-Pin Connector for Voltage Inputs (MS5015 Size 22) and 4-Pin													
Connector for LEA Inputs (MS5015 Size													
22) ⁽⁶⁾ *													
Accessories													
None											X	X	
2-Pin Male Connector for Incoming Power (MS5015 Size 22)*											1	. 0	
3-Pin Male Connector for Incoming Power (MS5015 Size 22)*											1	1	
SEL-2401 Satellite Synchronized Clock											1	. 3	
(24010XXX0) ⁽⁷⁾⁽¹¹⁾ *													
SEL-3031 Serial Radio (30310B013XX) ⁽⁷⁾ *											1		
SEL-3061 Cellular Router (3061#J7P0) ⁽⁷⁾ (8)(9)*											1	. 7	
2-Pin Male Connector for Incoming Power (MS5015 Size 22) and SEL-2401 Satellite											Д	0	
Synchronized Clock (24010XXX0) ⁽⁷⁾⁽¹¹⁾ *													
2-Pin Male Connector for Incoming Power											Δ	2	
(MS5015 Size 22) and SEL-3031 Serial													
Radio (30310B013XX) ⁽⁷⁾ *													
3-Pin Male Connector for Incoming Power (MS5015 Size 22) and SEL-2401 Satellite											Д	3	
Synchronized Clock (24010XXX0) ⁽⁷⁾⁽¹¹⁾ *													
3-Pin Male Connector for Incoming Power											Д	. 5	
(MS5015 Size 22) and SEL-3031 Serial													
Radio (30310B013XX) ⁽⁷⁾ *	-												
SEL-2401 Satellite Synchronized Clock (24010XXX0) and SEL-3031 Serial Radio											Д	7	
(30310B013XX) ⁽⁷⁾⁽¹¹⁾ *													
2-Pin Male Connector for Incoming Power,											Δ	8	
SEL-2401 Satellite Synchronized Clock												. 0	
(24010XXX0) and SEL-3031 Serial Radio (30310B013XX) ⁽⁷⁾⁽¹¹⁾ *													
(30310B013XX)(*//(=1/*	1												
Bundled Accessories (Shipped in	box wit	th SE	L-651	LRA	but n	ot in	stalle	d in (enclo	sure))		
None													Х
Security Sleeve (2" Diameter)*													1
Two Security Sleeves (2" Diameter)*													2
Three Security Sleeves (2" Diameter)*													3
Four Security Sleeves (2" Diameter)*													4
Five Security Sleeves (2" Diameter)*													5
Retrofit Mounting Adapter ⁽¹⁰⁾ *													Α
Retrofit Mounting Adapter $^{(10)}$ and Security Sleeve (2" diameter)*													В
Retrofit Mounting Adapter ⁽¹⁰⁾ and Two Security Sleeves (2" diameter)*													С

Retrofit Mounting Adapter ⁽¹⁰⁾ and Three Security Sleeves (2" diameter)*												D
Retrofit Mounting Adapter ⁽¹⁰⁾ and Four Security Sleeves (2" diameter)*												Е
Retrofit Mounting Adapter ⁽¹⁰⁾ and Five Security Sleeves (2" diameter)*												F

9 1 5 9 0 0 2 9 3
915900200
915900199
9250011
9250400
9250401
9250402
9250403
9250404
9250405
9 2 5 0 4 0 6
9 2 5 0 4 0 7
9 2 5 0 4 0 8
9 2 5 0 4 0 9
9 2 5 0 4 1 1
9250835
915900526
C 5 4 6 9
C 5 1 0
C 5 2 0
C 5 1 3
C 5 4 0
C 5 1 5
C 5 1 6
C 5 1 9
C 5 1 7
C 5 2 2

^{*}Additional Cost

⁽¹⁾ Download AcSELERATOR QuickSet SEL-5030 software for free at https://www.selinc.com/softwaresolutions/. QuickSet on CD

(503001WX4) is available upon request.

- (2) Refer to Low Energy Analog (LEA) voltage inputs in the installation section of the SEL-651RA Instruction Manual for details.
- (3) A configuration kit (9260021) is provided (packaged in the shipping box).
- (4) Includes Accessory Mounting Kit with 12 V Aux wiring.
- (5) Only available with 8 Vac Max LEA Voltage Input options.
- (6) Only available with Kyle Nova LEA Voltage Input options.
- (7) Requires a Foundation Accessory that includes the Accessory Mounting Kit with 12 V Aux TB.
- (8) Requires at least one 10/100 BASE-T Ethernet Port.
- (9) The SEL-651RA cabinet solution including the pre-installed SEL-3061 is rated for -40° to +50°C. The SEL-3061 accessory includes two floor mounted N-type antenna surge arresters. It is pre-wired to Serial Port 3 and Ethernet Port 5A on the SEL-651RA. External antennas and cables must be ordered separately. Refer to the SEL-3061 web page for cable and antenna options.
- $^{(10)}$ For Legacy Single-Size Cooper/Kyle Enclosure (20.125 inches on center) and Legacy SEL-351R Enclosures (24.625 inches on center)
- $^{(11)}$ The SEL-2401 comes with the 915900045 Antenna Kit.

Note: The SEL-651RA manual is available for download at selinc.com. One complimentary printed instruction manual is available upon request with each product purchased.

Making Electric Power Safer, More Reliable, and More Economical ®

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