

Distribution Protection and Control Features

selinc.com/products/comparisons/distribution-control

■ Standard feature + Model option

f This function may be created using settings

‡ Except phase currents

Features	SEL-351RS Kestrel®	SEL-651R	SEL-651RA
Applications			
Distribution Feeder Protection	■	■	■
Breaker Failure Protection	<i>f</i>	<i>f</i>	<i>f</i>
Generator Intertie Protection		■	■
Recloser Control	■	■	■
Synchronism Check		■	+
Underfrequency Load Shedding	■	■	■
Undervoltage Load Shedding	■	■	■
Protection			
25 (G,T) Generator/Intertie Synchronism Check		■	■
27/59 Under-/Overvoltage	■	■	■
27I Inverse-Time Undervoltage		+	
32 Directional Power Elements	■	■	+
50 (P,N,G,Q) Overcurrent Element (Phase, Neutral, Ground, Negative Sequence)	■	■	■
51 (P,N,G,Q) Time Overcurrent Element (Phase, Neutral, Ground, Negative Sequence)	■	■	■
51V/C Voltage-Restrained/Controlled Time Overcurrent		+	
59I Inverse-Time Overvoltage		+	
67 (P,N,Q) Directional Overcurrent (Phase, Neutral, Negative Sequence)		■	■
78VS Vector Shift		■	■
81 Over-/Underfrequency	■	■	■
81R Rate-of-Change of Frequency (df/dt)	■	■	■
81RF Fast Rate-of-Change of Frequency (ROCOF)		■	■
81W Frequency Window		+	
Separate Neutral Overcurrent		■	■
Load-Encroachment Supervision		■	■
Low-Energy Analog (LEA) Voltage Inputs		+	+
Directional Sensitive Earth Fault Protection		■	■
Pilot Protection Logic		<i>f</i>	<i>f</i>
Harmonic Blocking	■	■	■
Fast Islanding Detection		■	■
Arc Sense Technology (AST) High-Impedance Fault Detection		+	+
Phantom Phase Voltage	■	■	■
Current/Voltage Channels	1/1	4/6	4/1 4/6+

Distribution Protection and Control Features, Continued

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Features	SEL-351RS Kestrel	SEL-651R	SEL-651RA
Instrumentation and Control			
79 Automatic Reclosing	■	■	■
Fault Locating	■	■	+
SELogic Control Equations With Remote Control Switches	■	■	■
SELogic Counters	■	■	■
Voltage Check on Closing	■	■	■
SELogic Nonvolatile Latch	■	■	■
Nonvolatile Local Control Switches	■	■	■
Display Points	■	■	■
Breaker/Recloser Wear Monitor	■	■	■
Trip Coil Monitor	<i>f</i>	<i>f</i>	<i>f</i>
IEEE 1547-2018		■	■
Ethernet	■	■	■
IEC 61850	+	+	+
Simple Network Time Protocol (SNTP)	■	■	■

Features	SEL-351RS Kestrel	SEL-651R	SEL-651RA	SEL-734B	SEL-734W	SEL-2431
Power Quality						
Voltage Sag, Swell, and Interruption (VSSI)	■	■	■	■	■	<i>f</i>
Load/Signal Profile Recorder	■	■	■	■	■	■
Sequential Events Recorder	■	■	■	■		■
DNP3 Level 2 Outstation	■	■	■	■	■	■
IEEE C37.118 Synchrophasors	■	■	■	■	‡	■
Harmonic Metering	■	■	■	■	■	■
RMS Metering	■	■	■	■	■	■