## **SEL-735** Power Quality and Revenue Meter With Color Touchscreen

Part Number:	0	7 3	3 5	L		2	0					X			X	X		2	0		X
Enclosure Type																					
None					Χ																
Easily Extractable Meter (EXM)*					Е																
NEMA 4 With FT-1 Test Switch <sup>(1)</sup> *					В															2	
Portable Case <sup>(1)(2)</sup> *					С		9	4	4	E	Х		Х	Х						2	
Metering Form																					
Form 5								5													
(Three-Wire Delta; 2 PTs, 2 CTs) Form 9							9	)													
(Four-Wire Wye; 3 PTs, 3 CTs) Form 36							(	-													
(Four-Wire Wye; 2 PTs, 3 CTs)								)													
Slot A Power Supply Voltage																					
24-48 Vdc								2													
(range: 19-58 Vdc) 110-240 Vac 50/60 Hz and 110-250								4													
Vdc																					
<b>Slot A Control Input Voltage</b> o Includes 3 Contact Outputs, 2 Inputs																					
24 Vdc/Vac								2	1												
48 Vdc/Vac								2	2												
110 Vdc/Vac								4	3												
125 Vdc/Vac								4	4												
220 Vdc/Vac								4	5												
250 Vdc/Vac								4	6												
Slot B Ethernet (Port 1)   Rear o Includes Port 2 EIA-232 Standard	Sei	ial	(Po	rt 3	3)																
Single 10/100BASE-T   EIA-232										С											
Single 10/100BASE-T   EIA-485										Е											
Single 100BASE-FX Multimode   EIA-485*										G											
Slot C Communications																					
Field Upgrade Available											V										
Empty Serial Communications											X										
o EIA-232 and EIA-485 Ports*											F										
Telephone Modem*											G										
<b>Slot D I/O</b> Field Upgrade Available																					
Empty													Χ	Χ							
4 DI / 4 DO Solid-State (KYZ)*													Α								
4 DI / 4 DO Electromechanical*													В								
4 AO (±1 mA) / 4 DO Solid-State (KYZ)*														Χ							

4 AO (±20 mA) / 4 DO Solid-State (KYZ)*													D	Χ							
Slot D Control Input Voltage Field Upgrade Available																					
Empty														Χ							
24 Vdc/Vac										1				1							
48 Vdc/Vac										2				2							
110 Vdc/Vac										3				3							
125 Vdc/Vac										4				4							
220 Vdc/Vac										5				5							
250 Vdc/Vac										6				6							
Slot Z Current and Voltage Inp	uts																				
CL2/10/20, Optimized for Low-End Accuracy																1	-				
CL10/20, Optimized for 100 A Fault Recording																2	2				
System Frequency																					
50 Hz																	5	5			
60 Hz																	6	5			
Conformal Coat																					
No																			1		
Yes*																			2		
Software Bundle																					
None																				Х	
Meter Data Reporting Bundle o SEL-5705 Synchrowave Reports - Meter Data o SEL-5045 acSELerator Team Profile for billing and Team Events for waveform data (single or additional device license)*																				С	
Power Quality Reporting Bundle o SEL-5705 Synchrowave Reports – Power																				D	
Quality o SEL-5045 acSELerator TEAM Profile for billing and Team Events for waveform data (single or additional device license)*																					
Accessories																					
SEL-735 Getting Started Kit (includes communication cables, electrical connectors, screwdriver, and more)*	9 1 5	9	0	0 4	3	1															
SEL-9321 Low-Voltage DC Power Supply*	Please	see	Onl	line N	том	or	con	tact	: SE	L RI	EP or	CSR	for	orde	ring	infor	mat	tion			
SEL-2401 Satellite-Synchronized Clock	2 4 0	) 1																			
SEL-2924 Portable BLUETOOTH® Serial Adapter*	Please			line N	том	or	con	tact	: SE	L RI	EP or	· CSR	for	orde	ring	infor	mat	tion			
SEL-2925 BLUETOOTH <sup>®</sup> Serial Adapter*	Please	see	Onl	line N	тор	or	con	tact	: SE	L RI	EP or	CSR	for	orde	ring	infor	mat	tion			
Rear-Panel Connector Kit																					
Rear-Panel Connector Kit*	9 1 5	9	0	0 0	1	4															
90 Degree Connector Kit*	9 1 5	9	0	0 2	2	3															
Rear Connector Kit for SEL-735 (Barrier Style)*	9 1 5	9	0	0 5	3	2															

Self-Shorting Current Con	nectors	
	Shorting	
Curre 20 fee	et (with 6 on male)*	9 1 5 9 0 0 2 6 4
	Shorting	
Curre Conne	ector,8 feet 8 position	915900048
FT Test Switch		
	Test Switch*	2 4 0 - 1 0 1 0
Communication Cables		
	Ethernet Suppressor	9 1 5 9 0 0 5 1 8
Cable DTE-I M/DB	C287R Serial (RS-232, DTE, DB9 9 F, Hardware Control)	C 2 8 7 R
SEL-C Cable Termi M/US Pin 1	662 USB for Computer nal (USB, DB9 B A-Type M, Power)*	Please see Online MOT or contact SEL REP or CSR for ordering information.
Dust Protection and Sealin	-	
Dust- Asser	Protection	9 1 5 9 0 0 1 7 0
	4xx Vertical	
Dust Asser	Protection nbly, parent Rear	9 1 5 9 0 0 4 5 2
	-Panel Sealing · Kit for SEL-	915900176
Configurable Labels		
Config Kit fo	gurable Label r SEL-735 , 3 Sheets)*	9260143
Socket Adapters		
Form		915900256
Socke Form	et Adapter 9*	9 1 5 9 0 0 2 5 7
Form Socke	5 EXM Test- et Adapter*	915900258
	9 EXM Test- et Adapter*	9 1 5 9 0 0 2 5 9
Rack Mount Brackets	,	
Single Meter	e Horizontal Bracket*	91590007
	lorizontal Bracket*	915900008
and F	ontal Meter T-1 Test h Bracket*	91590009
Test S Brack		915900035
	e Vertical · Bracket*	915900050
Brack		915900051
	· Vertical · Bracket*	915900243

	Vertical Meter and	
	two FT-1 Test	9 1 5 9 0 0 1 5 8
	Switch Bracket*	
	Rack Mount Kit,	
	7xx/24xx Vertical and 7xx/24xx	9 1 5 9 0 0 1 4 1
	Horizontal Retrofit*	
	Rack Mount Kit,	
	7xx/24xx Vertical*	9 1 5 9 0 0 1 6 9
	19" Rack Mount	
	Bezel for 7xx/24xx	
	Vertical	9 1 5 9 0 0 2 2 8
	(centered)*	
	Vertical Meter and	
	FT-1 Test Switch	9 1 5 9 0 0 0 5 2
	Bracket*	
Wall Mount Brackets		
	Low-Profile,	
	Hinged, Contains 2 Ribbon Cables*	9 1 5 9 0 0 2 5 5
	Low-Profile, Hinged, Contains	
	CT/PT Wiring and 1	9 1 5 9 0 0 3 1 7
	Serial Cable*	
	Low-Profile,	
	Hinged, Contains	
	CT/PT Wiring and 2	9 1 5 9 0 0 3 1 8
	Serial Cables*	
	Low-Profile,	
	Hinged, Contains	9 1 5 9 0 0 3 1 9
	CT/PT Wiring and 3	
	Serial Cables*	
	Hinged Wall-Mount	9 1 5 9 0 0 1 3 6
	Bracket, Vertical* Vertical Hinged	
	Wall-Mount Bracket	
	for SEL-700 Series	9 1 5 9 0 0 5 2 9
	EXM and SEL-2400	
	Series EXM*	
	Universal CT/PT	9 1 5 9 0 0 4 9 3
	Wiring Harness*	و و ۲ س و و د ا و
Retrofit Bezels		
	Single Vertical	
	Meter Retrofit	9 1 5 9 0 0 0 5 3
	Bezel*	
	Vertical Appearance Bezel *	9 1 5 9 0 0 0 5 8
	Vertical Retrofit	
	(GE kV) Bezel*	9 1 5 9 0 0 0 6 8
	Vertical Retrofit	
	(JEM 1 SB) Bezel*	9 1 5 9 0 0 0 6 9
	Vertical Retrofit	
	(JEM 1 Panel	9 1 5 9 0 0 0 7 0
	Mount) Bezel*	
	Vertical Retrofit	
	(JEMStar	9 1 5 9 0 0 0 7 2
	SB/TransData MK-5	
	SB) Bezel*	
	Vertical Retrofit (Nexus 1260/1270	9 1 5 9 0 0 0 7 3
	SB) Bezel*	
	Vertical Retrofit	
		9 1 5 9 0 0 0 7 4
	Bezel*	
	Vertical Retrofit	
	(Schlumberger	9 1 5 9 0 0 0 7 5
	Q1000 SB) Bezel*	

Vertical Retrofit (Siemens Q4 Tall SB) Bezel*	91590076
Vertical Retrofit (Siemens Q4 Short SB) Bezel*	915900077
Vertical Retrofit (Siemens Q4 Tall SB with FT-1 Test Switch Cutout)*	915900140
Vertical Retrofit (Square-D Power Logic 2000)*	915900275
Vertical Retrofit (GE 169/269/369 and Eaton FP5000)*	915900054
Vertical Retrofit(GE 469)*	915900055
Vertical Retrofit(Cutler- Hammer MP- 3000)*	915900057
Bezel, CO (FT-2) to 7XX Vertical*	9 1 5 9 0 0 0 7 8
Bezel, GE F650 to 7XX Vertical*	915900079
Bezel, GE 700 Series to 7XX Vertical*	91590080
Bezel, Basler 851/951 to 7XX Vertical*	91590081
ABB 500 Series to 7xx/24xx Vertical Retrofit*	91590082
Bezel, Siemens 7SJ61 (1/3 Rack Case) to 7XX Vertical*	915900083
Bezel, ABB 500 Series (1/2 Rack Case) to 7XX Vertical*	915900086
GE ML 269 Plus With Drawout Case Option to 7xx/24xx Vertical Retrofit*	915900099
ABB-FT 31/32 (CO FT-3) to 7xx/24xx Vertical Retrofit with 2 FT-1 Switch Cutouts*	915900130
GE MDP/S2 to 7xx/24xx Vertical Retrofit*	915900132
GE M1 to 7xx/24xx Vertical Retrofit*	915900133
GE M2 to 7xx/24xx Vertical Retrofit*	9 1 5 9 0 0 1 3 4
GE 565 to 7xx/24xx Vertical Retrofit*	915900145
ABB-FT 41/42 (CO FT-4) to 7xx/24xx Vertical Retrofit with 2 FT-1 Switch Cutouts*	915900156

	ABB DPU to	
	7xx/24xx Vertical	9 1 5 9 0 0 1 5 7
	Retrofit*	
	GE S1 (IAC S1) to 2 FT-1 Switch	9 1 5 9 0 0 1 5 9
	Cutouts*	
	GE 269/369 to	
	7xx/24xx Vertical	
	Retrofit with FT-1	9 1 5 9 0 0 1 6 5
	Switch Cutout*	
	GE DGP to 7xx	9 1 5 9 0 0 3 5 5
	Vertical Retrofit*	
	EXM Retrofit Bezel,	
	JEMStar	9 1 5 9 0 0 1 9 6
	SB/TransData MK-5	
	SB*	
	701/Simpro Retrofit Bezel*	9 1 5 9 0 0 1 9 7
Indoor Enclosure Br		
Thuodi Enclosure Bi	7xx Indoor	
	Enclosure Mounting	
	Bracket + FT-1	9 1 5 9 0 0 0 6 5
	Cutout Test Switch,	
	Vertical*	
	7xx Indoor	
	Enclosure Mounting	9 1 5 9 0 0 0 9 1
	Bracket, No FT-1	
	Cutout, Vertical*	
Outdoor Enclosure I		
	7xx Outdoor	
	Enclosure Kit + FT-	9 1 5 9 0 0 0 6 6
	1 cutout, Swing Door, Vertical*	
	7xx Outdoor	
	Enclosure, No FT-1	9 1 5 9 0 0 0 9 3
	Cutout, Vertical*	
Mounting Accessorie	es	
	Mounting Gasket*	9 1 5 9 0 0 0 9 7
	-	
	Mounting Brackets for 16" x 18" x 8"	9 1 5 9 0 0 2 9 7
	Enclosure*	1 E   U   U   E   C   L   E
Current Transforme		
zz.re.ie iransiorine	Three 200:1	
	Clamp-On CTs, 0.6"	
	Window, +-1%	9 1 5 9 0 0 2 0 9
	Accuracy*	
	Three 1000:5	
	Clamp-On CTs, 2.0"	9 1 5 9 0 0 2 1 0
	Window, +-1%	
Commont Tors of	Accuracy*	
Current Tranformers		
	Three 1000:5 Split-	
	Core CTs, 4.5" Window, +-3%	9 1 5 9 0 0 2 1 1
	Accuracy*	amon sumo sumo sumo tamol bamol bamo
	Three 2000:5 Split-	
	Core CTs, 6.0"	
	Window, +-3%	9 1 5 9 0 0 2 1 2
	Accuracy*	
	Three 3000:5 Split-	
	Core CTs, 8.0"	9 1 5 9 0 0 2 1 3
	Window, +-3%	
Dundanski sak	Accuracy*	
Projection Mounting		
	Projection Mounting Collar,	9 1 5 9 0 0 0 2 8
	45mm*	000020
	73111111	

Projection Mounting Coll 90mm*	ar, 915900029
Blank Cover Plates	
ABB-FT 21/22	, (CO
FT-2) Blank C Plate*	
GE S1 (IAC S Blank Cover F	
GE M1 Blank Plate*	Over 915900142
ABB-FT 31/32 FT-3) Blank C Plate*	
ABB-FT 11 (C 1) Blank Cove Plate*	
GE MDP/S2 B Cover Plate*	lank 9 1 5 9 0 0 2 3 0
241X / 7XX B Plate*	9 1 5 9 0 0 3 8 7
Literature	
Printed Instru Manual for SE 735*	

<sup>\*</sup> Additional Cost

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 $<sup>^{(1)}</sup>$  Conformal coat is included free of charge with NEMA 4 enclosure and portable case options.

<sup>(2)</sup> Portable Case includes voltage clips. Order an optional current transformer kit for current sensing.