



Trip Unit Seal



Sensor Plug

Trip Unit Accessories

Adjustable rating plug "A" is installed as standard on all MicroLogic trip unit orders. However, an alternative selection may be specified from the "Assembled" table below, and factory installed with your trip unit order at no additional charge. To order, please attach the appropriate catalog suffix to the end of the trip unit Cat. No. (after specifying trip unit options). Adjustable rating plugs may also be purchased as field-installable components from the table below.

For Enerlin'X accessory information, see [Enerlin'X Digital Solutions](#), page 7-80

Table 7.127: Rating Plugs

Rating Plug [7]	Factory Installed Cat. Suffix	Field-Installable Cat. No.
A	A (standard)	S48818
B	B	S48819
C	C	S48820
D	D	S48836
E	E	S48837
F	F	S48838
G	G	S48839
H	H	S48840

Table 7.128: Neutral Current Transformers

Use With	Cat. No.	Sensor
H-Frame	S429521	60–100
	S430562	150
J-Frame	S430563	250
L-Frame	S432575	400–600
P-Frame	S33575 [8]	250
	S33576 [8]	400–1600
R-Frame	S48916 [8]	250
	S34036 [8]	400–1600
	S48896 [8]	2000
	S48182 [8]	3000
All	NCTWIRING	All

Table 7.129: Zone-Selective Interlocking

Description	Factory-Installed Cat. Suffix	Field-Installable Cat. No.
ZSI Interface Module	—	S434212
24 Vdc Terminal Block	EN	S434210
ZSI Wire Harness, H/J Frame	YH3	S434300
ZSI Wire Harness, L-Frame	YH3	S434301
ENCT & ZSI Wire Harness	YH4	—

Table 7.130: Trip Unit Accessories

Device	Frame	Cat. No.
Pocket Tester		S434206
UTA Tester		STRV00910
Spare UTA Tester		STRV00911
Bluetooth/Modbus for UTA Tester		SVW3A8114
Spare Power Supply for UTA Tester (110–120 Vac)		TRV00915
MicroLogic Cord for UTA Tester		TRV00917
MicroLogic 5/6 Cover, Transparent	H/J/L	S429478
MicroLogic 2/3 Cover, Transparent	H/J	S429481
MicroLogic 5/6 Cover, Transparent		S429459
MicroLogic 2/3 Cover, Transparent	L	S432461
LCD Display for MicroLogic 5		S429483
LCD Display for MicroLogic 6	H/J/L	S429484
Hand-held Test Kit		S33594
Primary Injection Test Adaptor		S33937
Service Interface Kit [9]		LV485500
Seven-pin Test Cable (for connection between test kit and trip unit) [10]	P/R	S48907
Two-pin Test Cable (for connection between test kit and trip unit) [11]		S48908
M2CTEST (for isolated trip unit testing) [12]		M2CTEST
230 Vac Filtered Power Cord [13]		S48856
120 Vac Filtered Power Cord [13]		S48855
Trip Unit Battery for Trip Indicator Lights		S33593
Power supply with:		LV454440
24–30 Vdc input		LV454441
48/60 Vdc input		LV454442
125 Vdc input		LV454443
110–130 Vac input		LV454444
200–240 Vac input		S33592
MicroLogic A Trip Unit Cover, clear	P/R	S47067
MicroLogic P/H Trip Unit Cover, opaque gray		MICROTUSEAL
Trip Unit Seal (6 pieces) for compliance with NEC 240.6(c)	H/J/L/P/R	S33101
12-pin Trip Unit Connector for NT/NW MasterPacT Circuit Breakers		S33100
12-pin Trip Unit Connector for P- and R-Frame Circuit Breakers	P/R	685831
Battery Back-up (12 Hours)		

Table 7.131: Sensor Plugs for P- and R-Frame Circuit Breakers [14]

Description		Sensor Plug Range	Sensor Plug Cat. No.	Circuit Breaker Frames Accepting Sensor Plug									
P-Frame Circuit Breaker				250 A	400 A	600 A	630 A [15]	800 A	1000 A	1200 A	1250 A [15]	1600 A	
UL	250 A	S47052	X	—	—	—	—	—	—	—	—	—	
	400 A	S47053	—	X	X	—	X	—	—	—	—	—	
	600 A	S48823	—	—	X	—	X	X	X	—	—	—	
	800 A	S33092	—	—	—	—	X	X	X	—	—	—	
	1000 A	S33093	—	—	—	—	—	X	X	—	—	—	
	1200 A	S48824	—	—	—	—	—	—	X	—	—	—	
IEC	630 A	S33091	—	—	—	X	X	X	—	X	X	X	
	800 A	S33092	—	—	—	—	X	X	—	X	X	X	
	1000 A	S33093	—	—	—	—	—	X	—	X	X	X	
	1250 A	S33094	—	—	—	—	—	—	—	X	X	X	
	1600 A	S33095	—	—	—	—	—	—	—	—	—	X	
R-Frame Circuit Breaker				600 A	800 A	1000 A	1200 A	1600 A	2000 A	2500 A	3000 A	3200 A	
UL	600 A	S48823	X	X	X	X	—	—	—	—	—	—	—
	800 A	S33092	—	X	X	X	X	—	—	—	—	—	—
	1000 A	S33093	—	—	X	X	X	X	—	—	—	—	—
	1200 A	S48824	—	—	—	X	X	X	X	—	—	—	—
	1600 A	S33095	—	—	—	—	X	X	X	X	—	—	—
	2000 A	S33982	—	—	—	—	—	X	X	X	—	—	—
	2500 A	S33983	—	—	—	—	—	—	X	X	—	—	—
	3000 A	S48825	—	—	—	—	—	—	—	—	X	—	—
IEC	1600 A	S33095	—	—	—	—	X	X	X	X	X	X	X
	2000 A	S33982	—	—	—	—	—	X	X	X	X	X	X
	2500 A	S33983	—	—	—	—	—	—	X	X	X	X	X
	3200 A	S33984	—	—	—	—	—	—	—	—	—	—	X

[7] Long-time pickup amperes (Ir) = Sensor Rating (In) X Setting of rating plug. "Fine adjustment tuning" is included on MicroLogic Power and Harmonic trip units, allowing for incremental settings of 1 A between the plug setting and .40 X Sensor Rating.

[8] Includes NCTWIRING kit.

[9] Service Interface Test Kit can be ordered through SE Services only. Service Interface Test kit replaces obsolete Full Function Test Kit.

[10] Used for testing MicroLogic trip units. Included in the price of the Hand-held/Full-function Test Kits. Kit for replacement only.

[11] Used for testing STR trip units. Included in the price of the Hand-held/Full-function Test Kits. Kit for replacement only.

[12] Required for Arc Energy Reduction Performance Testing for Instantaneous setting or Maintenance Mode Switch when using a Full Function Test Kit

[13] Included with the Full-function Test Kit. Kit for replacement only.

[14] For use only with circuit breakers with date codes later than 07011. For long-time pickup range, See rating plug information at page 7-61.

[15] IEC Only.