



MODEL NUMBER SCHEME

E.g. MODEL # SLc **80**-**120/208**-**3GY**-**L3**
A **B** **C**

A – SURGE RATING (Must Choose One)

60	60kA per mode
80	80kA per mode

B – VOLTAGE (Must Choose One)

120/240-2G	120/240V, 1-Phase, WYE, 4-Wire + Ground
120/208-3GY	120/208V, 3-Phase, WYE, 4-Wire + Ground
120/240-3GHD	120/240V, 3-Phase High-Leg DELTA, 4-Wire + Ground (B Phase must be 208V)
220/380-3GY	220/380V, 3-Phase WYE, 4-Wire + Ground
277/480-3GY	277/480V, 3-Phase WYE, 4-Wire + Ground
240-3DG	240V, 3-Phase DELTA, 3-Wire + Ground
380-3DG	380V, 3-Phase DELTA, 3-Wire + Ground
480-3DG	480V, 3-Phase DELTA, 3-Wire + Ground

C – OPTIONS

Monitoring

Standard Monitoring: Indicator Lights

L1 Primary Monitoring: Standard Monitoring *Plus* Form "C" Contacts

Advanced Monitoring: Primary Monitoring

L2 *Plus* Event Counter Display, Audible Alarm w/LED

MasterMIND® Diagnostic Monitoring: Advanced Monitoring *Plus* Enhanced Status Indicator Lights, Integral Multifunction Power

L3 Monitor / Analyzer

Enclosure

Top Feed

Powder Coated Steel

STAND-ALONE OPTIONS (To Be Ordered As A Separate Item)

DTS	DTS-2 Diagnostic Test Set
MT	MasterTEST Hand-Held Tester:

Specifications subject to change without notice, refer to www.currenttechnology.com for latest issue.

SYSTEM FEATURES

The Select® Compact product line has been evaluated to UL 1449 3rd Edition as a Type 1 SPD making it suitable for use in Type 1 or Type 2 SPD applications. In addition, the selenium-based seamless technology™ gives you added protection, maximum performance and dramatically extended product life.

PRODUCT SPECIFICATIONS

General Specifications

Maximum Surge Current Rating:	80kA per mode; 160kA per phase
Nominal Discharge Surge Current In:	20kA
Safety Listings	UL 1449 3rd Edition 2009 Revision (effective 9/29/2009) as a Type 1 SPD suitable for use in Type 1 or Type 2 applications; UL 1283
Protection Method:	MOV, Selenium
Product Design:	Individually fused MOVs, Solid copper, tin-plated bus
Dimensions:	16"H x 16"W x 9"D
Weight:	70 lbs.
Enclosure Type:	NEMA 4
Installation Location:	Outdoor or Indoor
Operating Environment:	-40°C to +60°C 5% - 95% non-condensing humidity
Fault Current (SCCR):	200 kAIC
Connection Method:	Parallel
Protection Modes:	All modes (L-N, L-G, N-G, L-L)
Response Time:	<0.5 nanoseconds
Operating Frequency:	47-63 Hz
Warranty:	20 years

FILTERING ATTENUATION FREQUENCIES

100KHz	1MHz	10MHz	100MHz
44dB	33dB	36dB	53dB

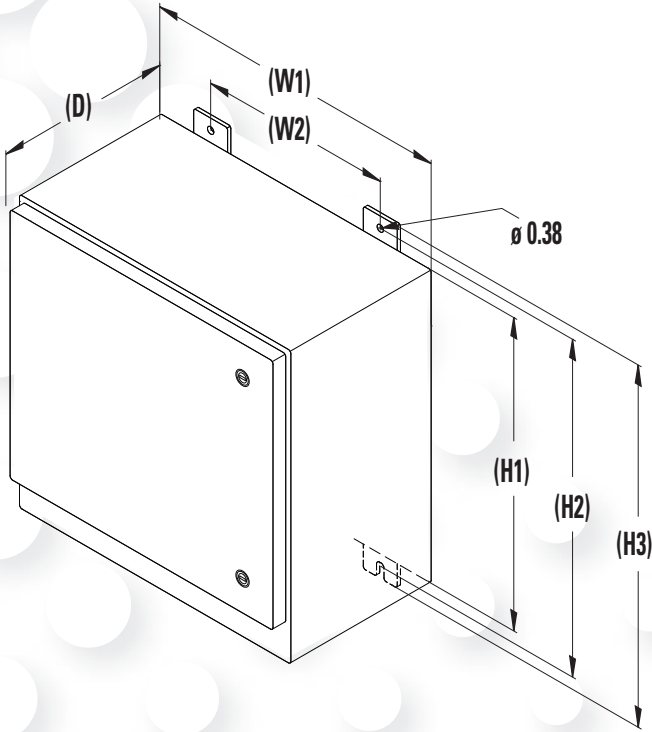
SINGLE/REPETITIVE SURGE CURRENT CAPACITIES

Protection mode	Single pulse surge current capacity/mode	Category C3 20kA, 10kA Repetitive surge current capacity/mode
Line-to-Neutral	80,000 amps	4,000 impulses
Line-to-Ground	80,000 amps	4,000 impulses
Neutral-to-Ground	80,000 amps	4,000 impulses
Line-to-Line	80,000 amps	4,000 impulses
Per Phase	160,000 amps	N/A

MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV)

Nominal Voltage	MCOV	Nominal Voltage	MCOV
120V	150V	–	–
220V	275V	480V	550V
277V	320V	–	–

Select Compact[®] 80



DIMENSIONAL SPECIFICATIONS

Dim	SL2 80	Inches	(mm)
H1		16.00	(406.4)
H2		17.25	(438.1)
H3		18.50	(470.4)
W1		16.00	(406.4)
W2		10.00	(254.0)
D		6.20	(230.5)

All measurements in inches (mm)

SELECT COMPACT 80 PERFORMANCE DATA

System Voltage	120/240V or 120/208				277/480V			
	L-N	L-G	N-G	L-L	L-N	L-G	N-G	L-L
Protection Mode								
MCOV	150	150	0	300	320	320	0	550
B3 Ring Wave 6kV, 500A	300	375	350	350	500	825	675	650
C3 Combo Wave 20kV, 10kA	600	600	725	950	1125	1050	1175	1925
UL 1449 2nd Edition SVR 6kV, 500A	400	500	500	700	900	1000	800	1500
UL 1449 3rd Edition VPR 6kV, 3kA	600	600	700	900	1000	1000	1000	1800

All Select[™] Compact systems measured limited voltages are peak values (±10%) measured from the zero reference point and are in compliance with test and evaluation procedures outlined in UL 1449 3rd Edition and by IEEE standards.

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Warranty Statement

Standard Warranty

Current Technology warrants that your Current Technology surge protective device (the "Product"), shall meet applicable industry standards and specifications and be free from defects in materials and/or workmanship. Should any failure of the Product to conform to this warranty appear within the standard warranty period, Current Technology shall either repair or replace the defective Product, or part thereof, upon return to Current Technology manufacturing facility in Richmond, Virginia with transportation charges pre-paid. The applicable warranty period is outlined below in the warranty period section.

MasterPlan® Extended Warranty

The warranty period is extended to twenty (20) years if the Product meets all of the following criteria:

- a) The product is purchased simultaneously with a Select 2 selenium-enhanced SL2-300, SL2-250 or SL2-200 suppression filter system and
- b) the product is installed simultaneously with a Select 2 selenium-enhanced SL2-300, SL2-250 or SL2-200 suppression filter system and
- c) the product is installed electrically downstream from a Select 2 selenium-enhanced SL2-300, SL2-250 or SL2-200 suppression filter system.

Current Technology shall have no liability under this warranty for any problems or defects directly or indirectly caused by misuse of the Product, alteration of the Product (including removal of any warning labels), accidents, or improper installation, application, operation, or repair of the Product.

The liability of Current Technology under this warranty is expressly limited to the replacement or repair of the defective part thereof, at Current Technology sole option.

IN NO EVENT SHALL CURRENT TECHNOLOGY BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND OR CHARACTER, NOR SHALL CURRENT TECHNOLOGY' LIABILITY EVER EXCEED THE PURCHASE PRICE PAID FOR SUCH DEFECTIVE PRODUCT.

This warranty is not transferable and may only be enforced by the sole purchaser. Claims under this warranty must be submitted to Current Technology within thirty (30) days of discovery of any Current Technology product defect.

WARRANTY PERIOD

	Standard	MasterPlan®
Select2	20 Years	—
Select Compact	15 Years	20 Years
HPI	20 Years	20 Years
TransGuard	15 Years	20 Years
CurrentGuard Plus	15 Years	20 Years
CurrentGuard	10 Years	20 Years
CurrentGuard Compact	10 Years	20 Years
Electronic Grade Panelboards		
EGPE2	10 Years	20 Years
TransEnd	5 Years	20 Years
LoadGuard	5 Years	20 Years
Monitoring & Diagnostic Tools	5 Years	20 Years



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