

Table 6.5: Internally Mounted—Retrofit / Ready to Install

Voltage	Surge Current Rating	NQ Panelboard Units—SurgLoc [10]
		Cat. No.
120/240 V, 1-phase, 3-wire + ground	80 kA	SSP01BIA08PBQ1
	100 kA	SSP01BIA10PBQ1
	120 kA	SSP01BIA12PBQ1
	160 kA	SSP01BIA16PBQ1
	200 kA	SSP01BIA20PBQ1
	240 kA	SSP01BIA24PBQ1
208Y/120 V, 3-phase, 4-wire + ground [11] [12] Wye	80 kA	SSP02BIA08PBQ1
	100 kA	SSP02BIA10PBQ1
	120 kA	SSP02BIA12PBQ1
	160 kA	SSP02BIA16PBQ1
	200 kA	SSP02BIA20PBQ1
	240 kA	SSP02BIA24PBQ1
240Y/120 V, 3-phase, 4-wire + ground High-leg Delta	80 kA	SSP03BIA08PBQ1
	100 kA	SSP03BIA10PBQ1
	120 kA	SSP03BIA12PBQ1
	160 kA	SSP03BIA16PBQ1
	200 kA	SSP03BIA20PBQ1
	240 kA	SSP03BIA24PBQ1

### OEM/Assembler Kits

SurgeLogic™ OEM/assembler kits allow manufacturers to add industry-leading surge suppression directly to customized equipment. Manufacturers benefit from shorter wire lengths that optimize the clamping voltage of the SPD. Products come with a backplane-mounted SPD, mounting hardware and diagnostic display with 36-inch cables. Audible alarm, silence switch, remote monitoring contacts, and surge counter are standard. Available as UL 1449 Type 2 (or 1 with optional suffix in catalog number).

US and Canadian UL® Recognized to UL 1449 and UL 1283 standards. Complies with requirements of NEC® Article 285 and CSA 22.2 No. 8-M1986 as appropriate. Complies with UL 96A 12th Edition Master Label requirements for Lightning Protection Systems.

Table 6.6: OEM/Assembler Kits

Service Voltage	Peak Surge Current Rating per Phase (kA)	Cat. No. [13]
120/240 V, 1-phase, 3-wire + ground	120	TVS11MA120()
	160	TVS11MA160()
	240	TVS11MA240()
208Y/120 V, 3-phase, 4-wire + ground [14] [15] Wye	120	TVS21MA120()
	160	TVS21MA160()
	240	TVS21MA240()
240/120 V, 3-phase, 4-wire + ground High-leg Delta	120	TVS31MA120()
	160	TVS31MA160()
	240	TVS31MA240()
240 V, 3-phase, 3-wire + ground [14] [16] Delta	120	TVS61MA120()
	160	TVS61MA160()
	240	TVS61MA240()
480Y/277 V, 3-phase, 4-wire + ground [14] [16] Wye	120	TVS41MA120()
	160	TVS41MA160()
	240	TVS41MA240()
480 V, 3-phase, 3-wire + ground [17] Delta	120	TVS51MA120()
	160	TVS51MA160()
	240	TVS51MA240()
600Y/347 V, 3-phase, 4-wire + ground [14] Wye	120	TVS81MA120()
	160	TVS81MA160()
	240	TVS81MA240()
600 V, 3-phase, 3-wire + ground [18] Delta	120	TVS91MA120()
	160	TVS91MA160()
	180	TVS91MA180()

( ) For a Type 1 SPD, add a "1" suffix to the catalog number.



[10] Requires 12 circuit positions (6 adjacent mounting spaces per side).

[11] Can be used on 4-wire or 3-wire grounded neutral system.

[12] 208/120 series also applies to the following voltage 220Y/127.

[13] Note the last character of the catalog number is the letter "O", not a zero.

[14] Can be used on 4-wire or 3-wire grounded wye systems with or without neutral.

[15] 208Y/120 series also applies to the following voltage 220Y/127.

[16] 480Y/277 series applies to the following voltages 380Y/220, 400Y/230, and 415Y/240.

[17] 480 V Delta series also applies to the following voltage: 480Y/277V HRG.

[18] 600 V Delta series also applies to the following voltage: 600Y/347V HRG.