

# Power surge protection device quick reference guide

SPD Name	SPD P/N	NFPA 79	UL type	UL approval	# of wires	N-G bond	3-phase	L-L Vnom	L-G Vnom	MCOV AC	MCOV DC	SCCR	Load current	Replacement plug	Replacement P/N	Replacement 2	P/N 2	Replacement 3	P/N 3	Base name	Base P/N
PLT-SEC-T3-230-FM-UT	<a href="#">2907919</a>	NO	4CA	Recognized	3	Combined	-	240V AC	120V AC	264	240	-	20 A*	PLT-SEC-T3-230-P-UT/PT	<a href="#">2907923</a>					PLT-SEC-T3-BE-FM-UT	<a href="#">2907924</a>
PLT-SEC-T3-120-FM-UT	<a href="#">2907918</a>	YES	2	Listed	3	Separate	-	120V AC	120V AC	150	150	10kA (AC)	20 A*	PLT-SEC-T3-120-P-UT/PT	<a href="#">2907922</a>					PLT-SEC-T3-BE-FM-UT	<a href="#">2907924</a>
PLT-SEC-T3-60-FM-UT	<a href="#">2907917</a>	NO	4CA	Recognized	3	N/A	-	60V DC	60V DC	100	80	-	20 A*	PLT-SEC-T3-60-P-UT/PT	<a href="#">2907921</a>					PLT-SEC-T3-BE-FM-UT	<a href="#">2907924</a>
PLT-SEC-T3-24-FM-UT	<a href="#">2907916</a>	NO	4CA	Recognized	3	N/A	-	24V DC	24V DC	34	34	-	20 A*	PLT-SEC-T3-24-P-UT/PT	<a href="#">2907920</a>					PLT-SEC-T3-BE-FM-UT	<a href="#">2907924</a>
VAL-US-120/40/1+0-FM	<a href="#">2910348</a>	YES	1	Listed	2	Combined	-	N/A	120V AC	175	N/A	200kA	N/A	VAL-US-120/40-P	<a href="#">2910335</a>						
VAL-US-120/40/1+1-FM	<a href="#">2910349</a>	YES	1	Listed	3	Separate	-	120V AC	120V AC	175	N/A	200kA	N/A	VAL-US-120/40-P	<a href="#">2910335</a>	GDT-US-NG/40-P	<a href="#">2910342</a>				
VAL-US-120/40/2+0-FM	<a href="#">2910351</a>	YES	1	Listed	3	Combined	-	240V AC	120V AC	350	N/A	200kA	N/A	VAL-US-120/40-P	<a href="#">2910335</a>						
VAL-US-120/40/2+1-FM	<a href="#">2910352</a>	YES	1	Listed	4	Separate	-	240V AC	120V AC	350	N/A	200kA	N/A	VAL-US-120/40-P	<a href="#">2910335</a>	GDT-US-NG/40-P	<a href="#">2910342</a>				
VAL-US-120/40/3+0-FM	<a href="#">2910353</a>	YES	1	Listed	4	Combined	WYE	208V AC	120V AC	350	N/A	200kA	N/A	VAL-US-120/40-P	<a href="#">2910335</a>						
VAL-US-120/40/3+1-FM	<a href="#">2910354</a>	YES	1	Listed	5	Separate	WYE	208V AC	120V AC	350	N/A	200kA	N/A	VAL-US-120/40-P	<a href="#">2910335</a>	GDT-US-NG/40-P	<a href="#">2910342</a>				
VAL-US-120/65/1+0-FM	<a href="#">2910355</a>	YES	1	Listed	2	Combined	-	N/A	120V AC	175	N/A	200kA	N/A	VAL-US-120/65-P	<a href="#">2910330</a>						
VAL-US-120/65/1+1-FM	<a href="#">2910356</a>	YES	1	Listed	3	Separate	-	120V AC	120V AC	175	N/A	200kA	N/A	VAL-US-120/65-P	<a href="#">2910330</a>	GDT-US-NG/80-P	<a href="#">2910332</a>				
VAL-US-120/65/2+0-FM	<a href="#">2910357</a>	YES	1	Listed	3	Combined	-	240V AC	120V AC	350	N/A	200kA	N/A	VAL-US-120/65-P	<a href="#">2910330</a>						
VAL-US-120/65/2+1-FM	<a href="#">2910358</a>	YES	1	Listed	4	Separate	-	240V AC	120V AC	350	N/A	200kA	N/A	VAL-US-120/65-P	<a href="#">2910330</a>	GDT-US-NG/80-P	<a href="#">2910332</a>				
VAL-US-120/65/3+0-FM	<a href="#">2910359</a>	YES	1	Listed	4	Combined	WYE	208V AC	120V AC	350	N/A	200kA	N/A	VAL-US-120/65-P	<a href="#">2910330</a>						
VAL-US-120/65/3+1-FM	<a href="#">2910360</a>	YES	1	Listed	5	Separate	WYE	208V AC	120V AC	350	N/A	200kA	N/A	VAL-US-120/65-P	<a href="#">2910330</a>	GDT-US-NG/80-P	<a href="#">2910332</a>				
VAL-US-240/40/1+0-FM	<a href="#">2910361</a>	YES	1	Listed	2	Combined	-	N/A	240V AC	385	N/A	200kA	N/A	VAL-US-240/40-P	<a href="#">2910336</a>						
VAL-US-240/40/1+1-FM	<a href="#">2910362</a>	YES	1	Listed	3	Separate	-	240V AC	240V AC	305	N/A	200kA	N/A	VAL-US-240/40-P	<a href="#">2910336</a>	GDT-US-NG/40-P	<a href="#">2910342</a>				
VAL-US-240/40/2+0-FM	<a href="#">2910364</a>	YES	1	Listed	3	Combined	-	480V AC	240V AC	385	N/A	200kA	N/A	VAL-US-240/40-P	<a href="#">2910336</a>						
VAL-US-240/40/2+1-FM	<a href="#">2910365</a>	YES	1	Listed	4	Separate	-	480V AC	240V AC	305	N/A	200kA	N/A	VAL-US-240/40-P	<a href="#">2910336</a>	GDT-US-NG/40-P	<a href="#">2910342</a>				
VAL-US-240/40/3+0-FM	<a href="#">2910366</a>	YES	1	Listed	4	Combined	WYE	480V AC	240V AC	385	N/A	200kA	N/A	VAL-US-240/40-P	<a href="#">2910336</a>						
VAL-US-240/40/3+1-FM	<a href="#">2910367</a>	YES	1	Listed	5	Separate	WYE	480V AC	240V AC	305	N/A	200kA	N/A	VAL-US-240/40-P	<a href="#">2910336</a>	GDT-US-NG/40-P	<a href="#">2910342</a>				
VAL-US-240D/40/1+0-FM	<a href="#">2910368</a>	YES	1	Listed	2	Combined	-	N/A	240V AC	275	N/A	200kA	N/A	VAL-US-240D/40-P	<a href="#">2910337</a>						
VAL-US-240D/40/2+0-FM	<a href="#">2910369</a>	YES	1	Listed	3	Combined	-	240V AC	240V AC	275	N/A	200kA	N/A	VAL-US-240D/40-P	<a href="#">2910337</a>						
VAL-US-240D/40/3+0-FM	<a href="#">2910370</a>	YES	1	Listed	4	Combined	DELTA	240V AC	240V AC	275	N/A	200kA	N/A	VAL-US-240D/40-P	<a href="#">2910337</a>						
VAL-US-240HLD/40/3+1-FM	<a href="#">2910371</a>	YES	1	Listed	5	Separate	HLD	240V AC	120, 208V AC	350	N/A	200kA	N/A	VAL-US-240D/40-P	<a href="#">2910337</a>	VAL-US-120/40-P	<a href="#">2910335</a>	GDT-US-NG/40-P	<a href="#">2910342</a>		
VAL-US-277/40/1+0-FM	<a href="#">2910372</a>	YES	1	Listed	1	Combined	-	N/A	277V AC	385	N/A	200kA	N/A	VAL-US-277/40-P	<a href="#">2910338</a>						
VAL-US-277/40/1+1-FM	<a href="#">2910373</a>	YES	1	Listed	3	Separate	-	277V AC	277V AC	385	N/A	200kA	N/A	VAL-US-277/40-P	<a href="#">2910338</a>	GDT-US-NG/40-P	<a href="#">2910342</a>				
VAL-US-277/40/3+1-FM	<a href="#">2910374</a>	YES	1	Listed	5	Separate	WYE	480V AC	277V AC	750	N/A	200kA	N/A	VAL-US-277/40-P	<a href="#">2910338</a>	GDT-US-NG/40-P	<a href="#">2910342</a>				
VAL-US-277/40/4+0-FM	<a href="#">2910375</a>	YES	1	Listed	5	Separate	WYE	480V AC	277V AC	750	N/A	200kA	N/A	VAL-US-277/40-P	<a href="#">2910338</a>						
VAL-US-277/80/1+0-FM	<a href="#">2910377</a>	YES	1	Listed	2	Combined	-	N/A	277V AC	385	N/A	200kA	N/A	VAL-US-277/80-P	<a href="#">2910331</a>						
VAL-US-277/80/1+1V-FM	<a href="#">2910378</a>	YES	1	Listed	3	Separate	-	277V AC	277V AC	385	N/A	200kA	N/A	VAL-US-277/80-P	<a href="#">2910331</a>						
VAL-US-277/80/3+0-FM	<a href="#">1075896</a>	YES	1	Listed	4	Combined	WYE	480V AC	277V AC	750	N/A	200kA	N/A	VAL-US-277/80-P	<a href="#">2910331</a>						
VAL-US-277/80/3+1V-FM	<a href="#">2910379</a>	YES	1	Listed	5	Separate	WYE	480V AC	277V AC	750	N/A	200kA	N/A	VAL-US-277/80-P	<a href="#">2910331</a>						
VAL-US-277/80/4+0-FM	<a href="#">2910380</a>	YES	1	Listed	5	Separate	WYE	480V AC	277V AC	750	N/A	200kA	N/A	VAL-US-277/80-P	<a href="#">2910331</a>						
VAL-US-347/30/1+0-FM	<a href="#">2910381</a>	NO	1CA	Recognized	2	Combined	-	N/A	347V AC	580	N/A	200kA	N/A	VAL-US-347/30-P	<a href="#">2910339</a>						
VAL-US-347/30/1+1V-FM	<a href="#">2910382</a>	YES	1	Listed	3	Separate	-	347V AC	347V AC	580	N/A	200kA	N/A	VAL-US-347/30-P	<a href="#">2910339</a>						
VAL-US-347/30/3+0-FM	<a href="#">2910383</a>	YES	1	Listed	4	Combined	WYE	600V AC	347V AC	750	N/A	200kA	N/A	VAL-US-347/30-P	<a href="#">2910339</a>						
VAL-US-480D/30/1+0-FM	<a href="#">2910384</a>	YES	1	Listed	2	Combined	-	N/A	480V AC	580	N/A	200kA	N/A	VAL-US-480D/30-P	<a href="#">2910340</a>						
VAL-US-480D/30/2+0-FM	<a href="#">2910385</a>	YES	1	Listed	3	Separate	-	480V AC	480V AC	750	N/A	200kA	N/A	VAL-US-480D/30-P	<a href="#">2910340</a>						
VAL-US-480D/30/3+0-FM	<a href="#">2910386</a>	YES	1	Listed	4	Combined	DELTA	480V AC	480V AC	750	N/A	200kA	N/A	VAL-US-480D/30-P	<a href="#">2910340</a>						
VAL-US-480HLD/30/3+1V-FM	<a href="#">2910387</a>	YES	1	Listed	5	Separate	HLD	480V AC	240, 415V AC	750	N/A	200kA	N/A	VAL-US-480D/30-P	<a href="#">2910340</a>	VAL-US-240/40-P	<a href="#">2910336</a>				
VAL-US-600D/30/1+0-FM	<a href="#">2910388</a>	YES	1	Listed	2	Combined	-	N/A	600V AC	750	N/A	200kA	N/A	VAL-US-600D/30-P	<a href="#">2910341</a>						
VAL-US-600D/30/2+0-FM	<a href="#">2910390</a>	YES	1	Listed	3	Combined	NO	600V AC	600V AC	750	N/A	200kA	N/A	VAL-US-600D/30-P	<a href="#">2910341</a>						
VAL-US-600D/30/3+0-FM	<a href="#">2910391</a>	YES	1	Listed	4	Combined	DELTA	600V AC	600V AC	750	N/A	200kA	N/A	VAL-US-600D/30-P	<a href="#">2910341</a>						

\* Load current is limited to 20 A for field-wired applications, 25 A for factory-wired applications.

**NOTE: All datasheets should be consulted before deciding on a surge protective device. The customer must check the ratings of the SPD to determine if it is right for their application.**

## Column title key

<b>NFPA 79 Compliant</b>	SPD can be placed on the power side of a safety circuit to comply with NEC 2017/NFPA 79-2018
<b>UL type</b>	This is the UL-defined type of SPD: Type 1, 2, or 3. This dictates where the protective device can be placed in reference to the service panel
<b># of wires</b>	How many wires will be connected to the SPD? This includes live, neutral, and ground wires
<b>N-G bond</b>	Will the SPD be located within 30 feet of conductor length of a neutral to ground bond?
<b>Vnom</b>	Nominal voltage to be expected between two potential points or wires
<b>MCOV</b>	Maximum Continuous Operating Voltage. The maximum voltage (RMS for AC) that a SPD can operate before clamping
<b>SCCR</b>	Short Circuit Current Rating. The maximum amount of current at the nominal voltage that the apparatus can be connected to without exceeding an acceptable amount of damage
<b>Load current</b>	The maximum amount of current a system can pass if connected in series
<b>V</b>	If this is included in the name of the SPD, this means that there is a MOV instead of a GDT between the neutral and ground
<b>HLD</b>	High Leg Delta
<b>CA</b>	In reference to a UL type "Component Assembly"