

## 300 Series 320 Surge Protective Device Submittal Specification

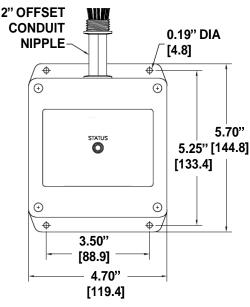
Power Switching & Controls For Business-Critical Continuity<sup>™</sup>



General Specifications					
Maximum Continuous Operating Voltage	120VAC 125%, all others 115%				
Short Circuit Current Rating (SCCR)	22kAIC				
Operating Frequency Range	47-63Hz				
EMI/RFI Noise Rejection	40dB Max				
UL Location Type	Type 2				
Nominal Discharge Current (In)	3kA				
Connection Type	#12 Wire Leads, 18" Long				
Status Indication	Green LED, Relay Alarm Contacts				
Certifications	ANSI/UL 1449 Third Edition Type 2; cUL				
Standard Enclosure	NEMA Type 1, 94V-0				
Weights	5 lbs (2.3 kg)				
Warranty	5 Year Replacement				

ANSI/UL 1449 Third Edition, Type 2 VPR's									
Source Configuration	L-N		L-G		L-L		N-G		
	Α	B,E	Α	B,E	Α	B,E	Α	B,E	
SA, YA	700V	700V	700V	1200V	1200V	1200V	700V	700V	
YC	1200V	1200V	1200V	2500V	2000V	2500V	1200V	1200V	
DB	N/A	N/A	1200V	N/A	1200V	1200V	N/A	N/A	
DF	N/A	N/A	1800V	N/A	2500V	2500V	N/A	N/A	

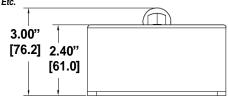
Model Number	Surge Rating	Source Configuration	Modes Of Protection	
320SA02AWRC2S		"SA" = 120/240VAC, 120/208VAC, Single Split Phase, 3W+G	L-L, L-N, L-G, N-G All Possible Modes	
320YA02AWRC2S	25kA Mode 50kA Phase	"YA" = 120/208VAC, 127/220VAC, 3 Phase WYE, 4W+G	L-L, L-N, L-G, N-G All Possible Modes	
320YC02AWRC2S		"YC" = 277/480VAC, 254/440VAC, 3 Phase WYE, 4W+G	L-L, L-N, L-G, N-G All Possible Modes	
320DB02AWRC2S		"DB" = 240VAC 3 Phase Delta, 3W+G	L-L, L-G All Possible Modes	
320DF02AWRC2S		"DF" = 480VAC 3 Phase Delta, 3W+G	L-L, L-G All Possible Modes	
320SA02BWRC2S		"SA" = 120/240VAC, 120/208VAC, Single Split Phase, 3W+G	L-L, L-N, N-G	
320YA02BWRC2S	25kA Mode 25kA Phase	"YA" = 120/208VAC, 127/220VAC, 3 Phase WYE, 4W+G	L-L, L-N, N-G	
320YC02BWRC2S		"YC" = 277/480VAC, 254/440VAC, 3 Phase WYE, 4W+G	L-L, L-N, N-G	
320DB02EWRC2S		"DB" = 240VA 3 Phase Delta, 3W+G	L-L	
320DF02EWRC2S		"DF" = 480VAC 3 Phase Delta, 3W+G	L-L	



Consult Factory for additional source configurations, Surge Ratings, Monitoring Options, Enclosure Ratings, Etc.

100 Emerson Parkway Binghamton, NY 13905 P (607) 721 8840 P (800) 288 6169 F (607) 722 8713

E contactsurge@emerson.com



## **Emerson Network Power.**

Connectivity Embedded Power

## EmersonNetworkPower.com/surge

Racks and Integrated Cabinets

The global leader in enabling Business-Critical Continuity<sup> $\mathbb{M}$ </sup>.

AC Power

Embedded Computing

Infrastructure Management & Monitoring Precision Cooling Outside Plant

DC Power Industrial Power Power Switching & Controls Services

Business-Critical Continuity, Emerson Network Power and the Emerson Network Power logo are trademarks and service marks of Emerson Electric Co. ©2012 Emerson Electric Co.

While every precaution has been taken to ensure accuracy and completeness in this literature, Emerson Network Power assumes no responsibility, and disclaims all liability for damages resulting from use of this information or for any errors or omissions.