Coupling-Decoupling Network for Surge Generator
SCDN Series

SCDN6-480-3-32

SCDN6-480-3-32 with SMSUG6.0

Single/Three phase Coupling-Decoupling Networks (CDNs) are designed for test requirements of IEC61000-4-5 with high reliability, intelligent control, user-friendly design and many other features.

Advance Features	
• Fully compliant with the latest standards of IEC61000-4-5	• Automatic selection of Surge impedances in SUG6.0 surge generator
• Line selection possible from generator, optionally available manual selection	• Max input voltage level up to 480Vac/ 690Vac & 600Vdc/1000Vdc

Parameters		SCDN6-277-1-32	SCDN6-480-3-XXX[1]				SCDN6-690-3-XXX[1]					SCDN6-691-3-XXX[1]				
Standard		IEC61000-4-5	IEC61000-4-5				IEC61000-4-5					IEC61000-4-5				
Phase/Lines		1 Phase/3 Lines	3 Phase/ 5 Lines				3 Phase/ 5 Lines					3 Phase/ 5 Lines				
Test Level		Surge: 6kV	Surge: 6kV				Surge: 6kV					Surge: 6kV				
EUT Voltage Ratings	AC (50/60Hz)	277Vac (L-N)	480Vac (L-L)				690Vac (L-L)					690Vac (L-L)				
	DC	600Vdc	600Vdc				600Vdc					1000Vdc				
EUT Current (A)		32	32	63	125	200	16	32	63	125	200	16	32	63	125	200
Input connector, Plug size(mm^2)		4	4	6	6	10	4	4	6	6	10	4	4	6	6	10
Output connector, Plug size(mm^2)		4	4	6	6	10	4	4	6	6	10	4	4	6	6	10
Mains operation		230V±10%, 50/60Hz														
Dimensions		19”, 7U	19” 7U	Rack Mounted			19” 7U	Rack Mounted				19” 7U	Rack Mounted			
Weight		25kg	50kg to 250kg				50kg to 300kg					50kg to 350kg				
Environment		15ºC to 45ºC, 45% ~ 75% RH (Non condensing)														
Accessories		Main Unit Mains Cord High Voltage Test Leads based on product selection														

Subject to Change

1 Current in Amp /20/32/63/125/200A)

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