

POWER SUPPLIES

COMPACT DIN RAIL MOUNT POWER SUPPLIES SDN-C COMPACT SERIES



DESCRIPTION

The Sola/Hevi-Duty SDN-C Compact Series DIN rail series power supplies are the next generation of the SDN Series. These models combine high efficiency and compact size with new visual diagnostic LEDs to offer the most performance available from SolaHD. These have a patented DIN rail mounting clip and large, rugged accessible screw terminals.

FEATURES

- Compact packaging to save space on the DIN rail
- Visual diagnostic LEDs for input and output status at a glance
- Higher efficiency saves energy and lowers amount of heat generated in panel
- PowerBoost™ overload capability to start high inrush loads



SDN-C

**SOLA/
HEVI-DUTY**



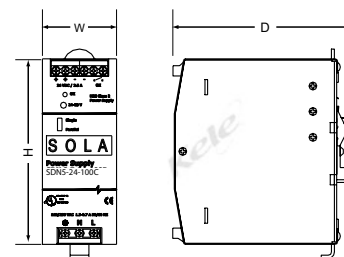
SPECIFICATIONS

Supply Voltage		Fusing	
Single Phase	115/230 VAC	Single Phase	Internally fused
Three Phase	380-480 VAC	Three Phase	Externally fused
Output Voltage	24 VDC	LED	Green, Yellow, Red
Frequency		Connections	Terminals accepting 12-16 AWG wire
Single Phase	43-67 Hz	Mounting	DIN Rail
Three Phase	50-60 Hz	Operating Temperature	-13° to 140°F (-25° to 60°C)
Output Current		Operating Humidity	< 90% RH, non-condensing
SDN 5-24	120W, 5A @ 24VDC	Approvals	CE, UL File #E234790, SEMI F47, RoHS
SDN 10-24	240W, 10A @ 24VDC	Warranty	5 years
SDN 20-24	480W, 20A @ 24VDC		
SDN 40-24	960W, 40A @ 24VDC		

DIMENSIONS

Model Number	Dimensions - inches (mm)			Weight
	H	W	D	
SDN 5-24-100C	4.85 (123.0)	1.97 (50.0)	4.36 (111.0)	1.1lbs (0.50Kg)
SDN 10-24-100C	4.85 (123.0)	2.36 (60.0)	4.36 (111.0)	1.7lbs (0.80Kg)
SDN 5-24-480C	4.85 (123.0)	1.97 (50.0)	4.36 (111.0)	1.2lbs (0.52Kg)
SDN 10-24-480C	4.85 (123.0)	2.36 (60.0)	4.36 (111.0)	1.5lbs (0.70Kg)
SDN 20-24-480C	4.85 (123.0)	3.42 (87.0)	4.98 (127.0)	2.9lbs (1.30Kg)
SDN 40-24-480C	4.85 (123.0)	3.35 (85.0)	4.68 (119.0)	5.3lbs (2.40Kg)

SDN-C Series Dimensions



ORDERING INFORMATION

MODEL	DESCRIPTION
SDN 5-24-100C	120W compact DIN rail power supply, 115/230 VAC input, 24 VDC, 5A output
SDN 10-24-100C	240W compact DIN rail power supply, 115/230 VAC input, 24 VDC, 10A output
SDN 5-24-480C	120W compact DIN rail power supply, 380/480 VAC three phase input, 24 VDC, 5A output
SDN 10-24-480C	240W compact DIN rail power supply, 380/480 VAC three phase input, 24 VDC, 10A output
SDN 20-24-480C	480W compact DIN rail power supply, 380/480 VAC three phase input, 24 VDC, 20A output
SDN 40-24-480C	960W compact DIN rail power supply, 380/480 VAC three phase input, 24 VDC, 40A output

	ACCESSORIES
BAM-1000	35 mm aluminum DIN mounting rail 39.4" (1m)
DIN-3F	35 mm DIN rail, steel, 39.4" (1m), RoHS compliant
SDN-PMBRK2	Metal chassis mounting kit for SDN series