

SCM5B-PROTO

Breadboard Kit

Description

The SCM5B-PROTO breadboard kit was designed to allow users to incorporate their own module functions using an SCM5B format. The kit includes a pc board designed for breadboard circuits, a module case, header and mounting screw. Contact the factory for additional information.

SCMXRAIL1-XX, SCMXRAIL2-XX, SCMXRAIL3-XX

DIN Rail

Description

Three styles of DIN rail are available. Specify length (-xx) in meters when ordering, -01 for 1 meter or -02 for 2 meter.

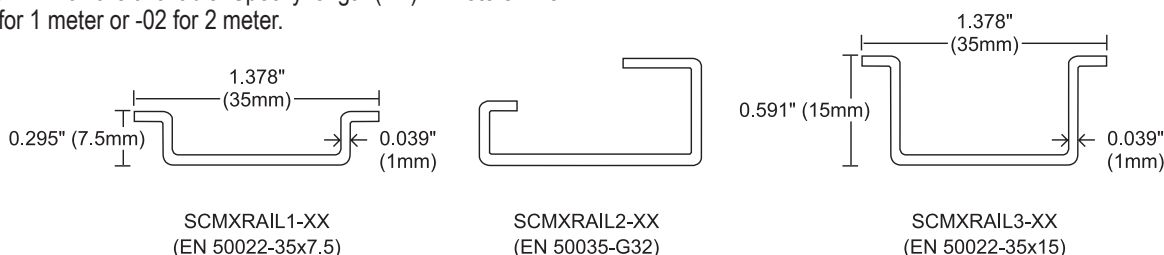


Figure 24: DIN Rail Styles

SCMXPRT-001/D, SCMXPRE-001/D



Power Supplies

Description

The SCMXPRT-001/D and SCMXPRE-001/D encapsulated power supplies are available in 120VAC or 220VAC input voltage ranges and provide 5VDC outputs suitable for all SCM5B modules. They are designed to mount on the SCMXRK-002 metal rack or DIN rail EN 50022-35x7.5 (D versions). The supplies are UL-recognized. Their compact size and low weight are ideal for high-density applications (see Figure 25).

Specifications Typical* at T_A = +25°C

Module	SCMXPRT-001/D	SCMXPRE-001/D
Input Voltage Range, 47Hz to 63Hz	105-125VAC	200-240VAC
Output Voltage	5VDC	5VDC
Output Current, +50°C	1A	1A
	(derate 2.5%/°C above +50°C)	
Operating Temperature	-25°C to +71°C	-25°C to +71°C
Dielectric Withstand V (input to ground)	2500Vrms	2500Vrms
Line Regulation	±0.05%	±0.05%
Load Regulation	±0.15%	±0.15%
Output Ripple, max	2mVrms	2mVrms
Overvoltage Protection	6.2V	6.2V
Weight	1.25 lbs (567g)	1.25 lbs (567g)

NOTES:

* Contact factory or your local Dataforth sales office for maximum values.

Supplies are UL recognized, File No. E65890.

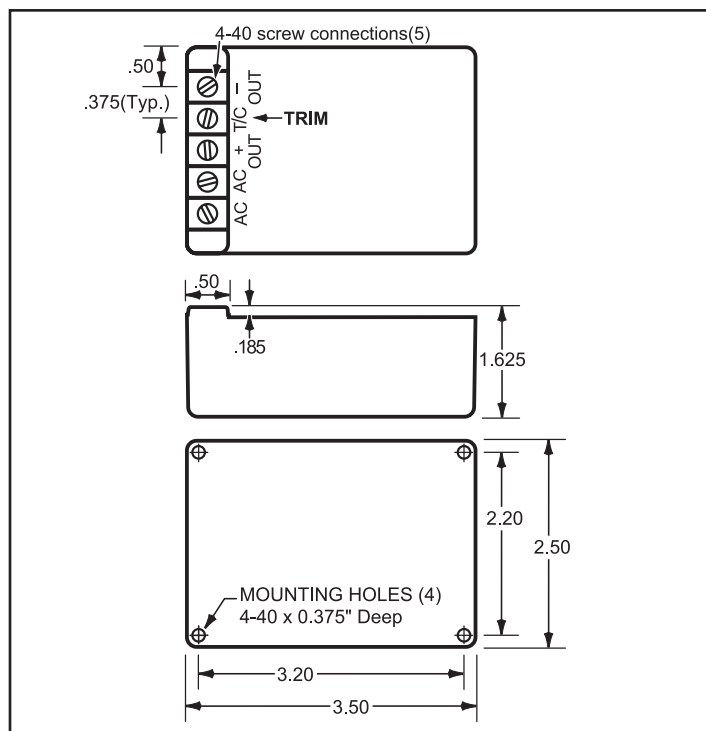


Figure 25: SCMXPRT-001/D and SCMXPRE-001/D Physical Dimensions