

Non-isolated Brick H60SB Series

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FEATURES

Electrical

- Efficiency up to 96%
- PMBus communication
- Wide input range
- Input UVP and OVP, output OVP, OCP and OTP
- Adjustable current limit
- Remote ON/OFF
- Pre-bias startup
- No minimum load required
- Parallel Operation with Active Current Sharing

Safety & Certificate

- IEC/EN/UL/CSA 62368-1
- IEC/EN/UL/CSA 60950-1



1/2
brick

non-
isolated

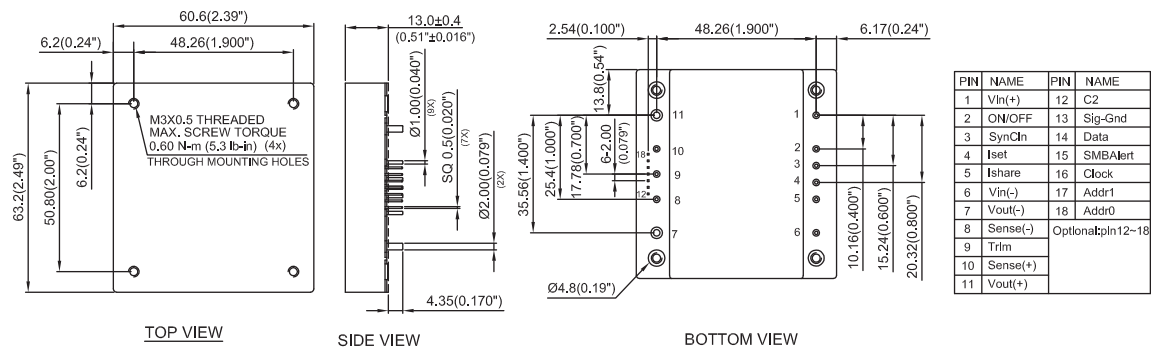
digital
control

CE
UL

SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH)
H60SB0A050NRDC	9~60V	0~60V	50A	max 3kW	96.0%	Non-isolated	63.2x60.6x13mm
H60SB0A050NRAC	9~60V	0~60V	50A	max 3kW	96.0%	Non-isolated	63.2x60.6x13mm

MECHANICAL DRAWING



(H60SB0A050NRDC : pin 1~18
H60SB0A050NRAC : pin 1~11)

PART NUMBERING SYSTEM

H	60	S	B	0A0	50	N	R	D	C
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length	Pin Assignment	Option Code
H - 1/2 Brick	60 - 9~60V	S - Single	B - Family Name	0A0 - Adjustable	50 - 50A	N - Negative	R - 0.170"	D - Digital pins A - Analog pins	B - baseplate C - baseplate & encased F - flanged baseplate & encased

Non-Isolated DC-DC Power Module & Point-of-Load