FB7SR FG5SR Series

coming soon

FEATURES

Electrical

- High efficiency : ≥95% @full load
- Input UVLO, Hiccup output OCP, Latch output OVP, Output current limited protection(OCL), Auto recovery OTP
- Negative enable (Positive enable optional)
- Active current sharing
- Remote sense
- Sync start and fast sync off
- Monotonic startup into normal
- 4242V isolation and reinforce insulation
- No minimum load required

Safety & Certificate

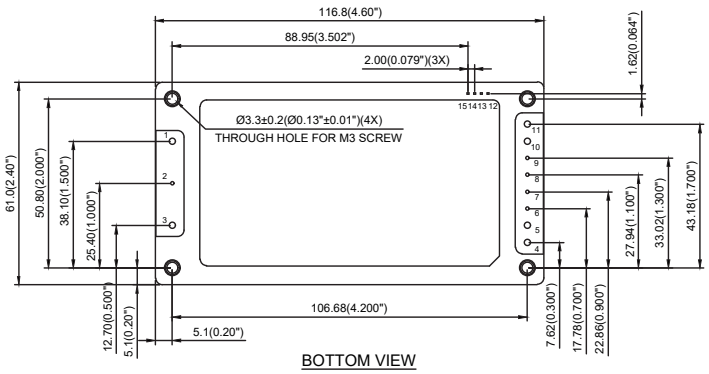
- IEC/EN/UL/CSA 62368-1 pending for approval
- IEC/EN/UL/CSA 60950-1 pending for approval

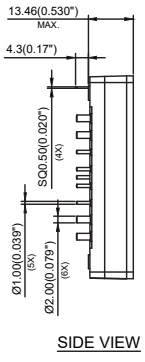
full brick | wide input | high isolation | c UL us

SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH)
FB7SR14086	200~400V	14V	11.2~15.4V	86A	1204W	94.5%	4242V	116.8 x 61 x 12.7mm
FB7SR28043	200~400V	28V	22.4~30.8V	43A	1204W	94.0%	4242V	116.8 x 61 x 12.7mm
FB7SR54022	240~400V	54V	43.2~56.7V	22A	1188W	95.8%	4242V	116.8 x 61 x 12.7mm
FG5SR14086	400~800V	14V	11.2~15.4V	86A	1204W	94.5%	4242V	116.8 x 61 x 12.7mm
FG5SR28043	400~800V	28V	22.4~30.8V	43A	1204W	94.0%	4242V	116.8 x 61 x 12.7mm
FG5SR54022	480~800V	54V	43.2~56.7V	22A	1188W	95.5%	4242V	116.8 x 61 x 12.7mm

MECHANICAL DRAWING





PIN#	FUNCTION
1	Vin-
2	ON/OFF
3	Vin+
4	Vout+
5	
6	Sense+
7	Trim
8	CS/SS
9	Sense-
10	Vout-
11	
12	GND
13	DATA
14	CLK
15	ADD

PART NUMBERING SYSTEM

F	B7	S	R	140	86	N	R	F	A
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length Pin Type	RoHS	Option Code
F - Full Brick	B7 - 270V G5 - 750V	S - Single	R - Family Name	140 - 14V 280 - 28V 500 - 50V 540 - 54V	22 - 22A 24 - 24A 43 - 43A 86 - 86A	N - Negative P - Positive	R - 0.170"	F - RoHS 6/6 (Lead Free) Space - RoHS5/6	A - With baseplate

New Product is coming soon. Please contact Delta for more specification information.