

DCDC

DC-DC Enclosed 200W

ATOMBOTIX



Space-Saving, Rack-Ready Design



1U low profile (40mm)

Enhanced Safety



Ultra-High Voltage Isolation
4000VDC I/O isolation

Durable Components



150% peak load capability

Optimized for AGV & AMR



EN50155 railway standard
guarantee smooth performance in mobility

Versatile Input Flexibility



2:1 wide input range

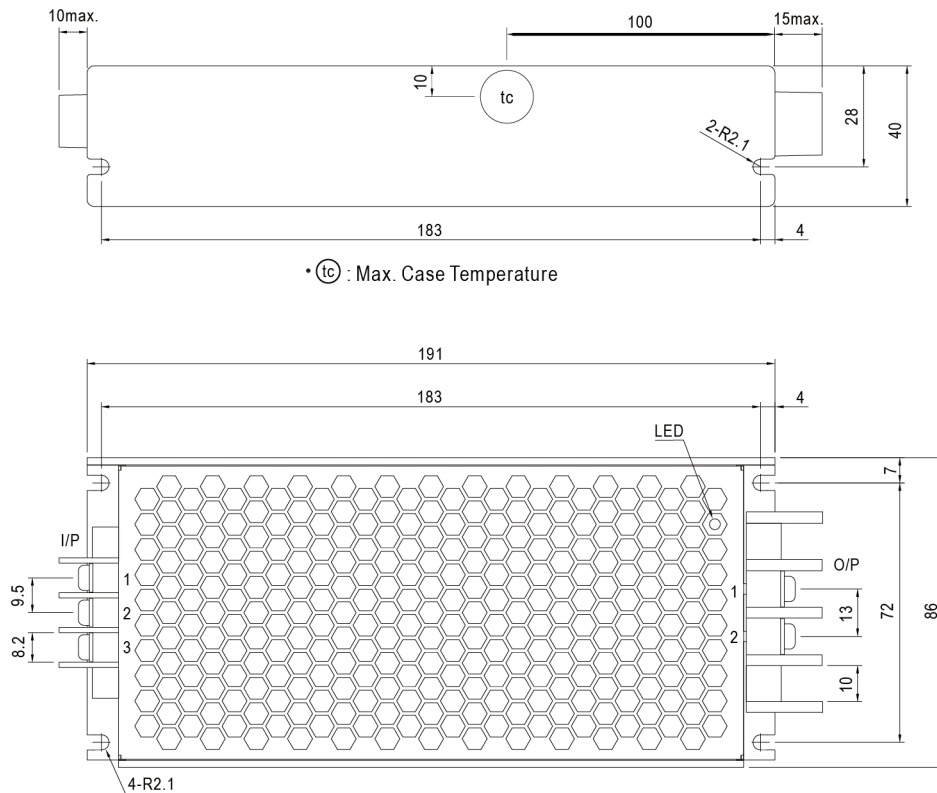
Comprehensive Protection



Short circuit / Overload / Over voltage / Over temp./ Input reverse polarity

	RSD-200B-12	RSD-200B-24	RSD-200B-48	RSD-200C-12	RSD-200C-24
Wattage	200 W	200 W	200 W	200 W	200 W
Input Voltage	14.4 – 33.6 V	14.4 – 33.6 V	14.4 – 33.6 V	28.8 – 67.2 V	28.8 – 67.2 V
Output Current	0 – 16.7 A	0 – 16.7 A	0 – 16.7 A	0 – 16.7 A	0 – 8.4 A
Output Voltage	12 V	24 V	48 V	12 V	24 V
Output Voltage Options	Single	Single	Single	Single	Single
DC Output Adjustment	N/A	N/A	N/A	N/A	N/A
Dimensions	191 x 86x 39 mm	191 x 86 x 39 mm	191 x 86 x 39 mm	191 x 86 x 39 mm	191 x 86 x 39 mm
Working Temperature	-40 – +55°C(no derating), +70°C @ 60% load by free air convection, +70°C no derating with external base plate, TX class compliance				
Safety Standards	Meet IEC60950-1 (LVD)				
EMC Standards	Compliance to EN55022 class B, EN50121-3-2, EN61000-4-2,3,4,6,8				

	RSD-200C-48	RSD-200D-12	RSD-200D-24	RSD-200D-48
Wattage	200 W	200 W	200 W	200 W
Input Voltage	28.8 – 67.2 V	57.6 – 154 V	57.6 – 154 V	57.6 – 154 V
Output Current	0 – 4.2 A	0 – 16.7 A	0 – 8.4 A	0 – 4.2 A
Output Voltage	48 V	12 V	24 V	48 V
Output Voltage Options	Single	Single	Single	Single
DC Output Adjustment	N/A	N/A	N/A	N/A
Dimensions	191x 86x 39 mm	191x 86x 39 mm	191x 86x 39 mm	191x 86x 39 mm
Working Temperature	-40 – +55°C(no derating), +70°C @ 60% load by free air convection, +70°C no derating with external base plate, TX class compliance			
Safety Standards	Meet IEC60950-1 (LVD)			
EMC Standards	Compliance to EN55022 class B, EN50121-3-2, EN61000-4-2,3,4,6,8			



Input Terminal Pin No. Assignment :

Pin No.	Assignment
1	DC INPUT V+
2	DC INPUT V-
3	FG $\pm$

Output Terminal Pin No. Assignment :

Pin No.	Assignment
1	DC OUTPUT -V
2	DC OUTPUT +V

