



RCB-1-B

DI CONVERSION MODULE



OVERALL FLAME
RETARDANT



EASY INSTALLATION



SMALL SIZE



SAFETY

The DI Conversion Module is designed for European grid management and utilizes ripple control technology for precise control of the grid. It efficiently interacts with the Ripple ControlReceiver through a dry contact, and then sends a load shedding signal to the EV charger using the RS485 interface. thus quickly responding to grid scheduling needs and ensuring stable grid operation.



TECHNICAL SPECIFICATIONS

MODEL	RCB-1-B
GENERAL PARAMETERS	
Power Adapter	Input: 100 ~ 240Vac, 50 / 60Hz;output: 12Vdc 1A
Power Consumption (W)	< 1W@DC12V
Dimensions (L × W × H mm)	105 × 54 × 32
Weight (g)	62
Operating Temperature Range (°C)	-20 ~ +50
Relative Humidity	5% ~ 95% (non-condensing)
Ingress Protection Rating	IP20
IK Protection Rating	IK08
Installation Methods	Wall mounting, table surface mounting, rail mounting
User Interface	5 LED indicators
COMMUNICATION MANAGEMENT	
Communication	1 × RS485
Communication Distance	1000 (Shielded twisted pair wire shall be used)

* All pictures shown are for reference only. Actual appearance may vary.