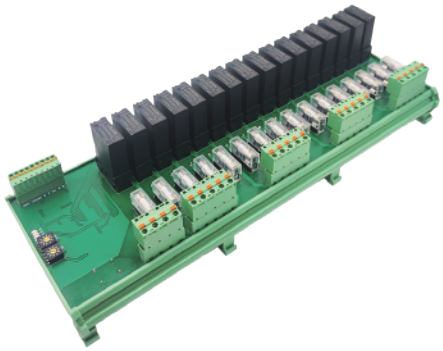
DRP(380) Series Multi-channel Bus Voltage Regulator

Product Description

- RS 485 Bus Control
- Modbus RTU Communication Protocol
- 8 Sets or 16 Sets of Output
- LED Indication
- Stablized Voltage Output
- Current detection
- Built in fuse
- 35mm Standard Din Rail Mount



Product Model

DRP	16	S	380	P	-S4	C
DRP Series	Channel 8: 8 Channels 16: 16 Channels	Function S: Stablized Output	Load Voltage 380:380VAC	Output Mode P:Power ratio / Voltage ratio	Control Mode S4:RS 485	C:Current detection

Technical Specification

Input Circuit	
Auxiliary Power Supply Voltage Range	19.6~28.8VDC
Max.Auxiliary Power Supply Current	700mA@24VDC
Input Control	RS 485（(2 Connections)

Output Circuit	
Voltage Range of Load Power Supply	196~440VAC
Output Load Voltage Range	0~220VAC / 0~380VAC
Max. Output Current for Single Channel	5A(1)

Note: (1) Forced air cooling is required.

General Information		
Control Register Address	1 Channel	50
	2 Channel	51
	3 Channel	52
	4 Channel	53
	5 Channel	54
	6 Channel	55
	7 Channel	56
	8 Channel	57
	9 Channel	58
	10 Channel	59
	11 Channel	60
	12 Channel	61
	13 Channel	62
	14 Channel	63
	15 Channel	64
	16 Channel	65

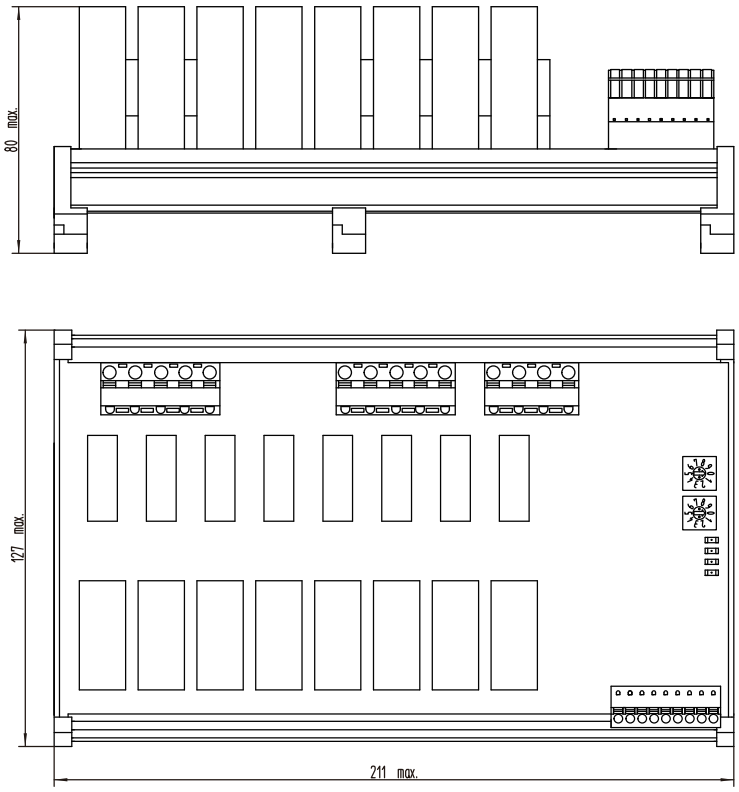
General Information	
Switch Register Address	68
Station Address Range	1～98
Max. Station Point	98
Communication Agreement	Modbus RTU
Dielectric Strength	≥2500Vrms
Ambient Operating Temperature Range	-30℃ ～ +70℃
Ambient Storage Temperature Range	-30℃ ～ +100℃
Weight（Typical）	1070g

Application

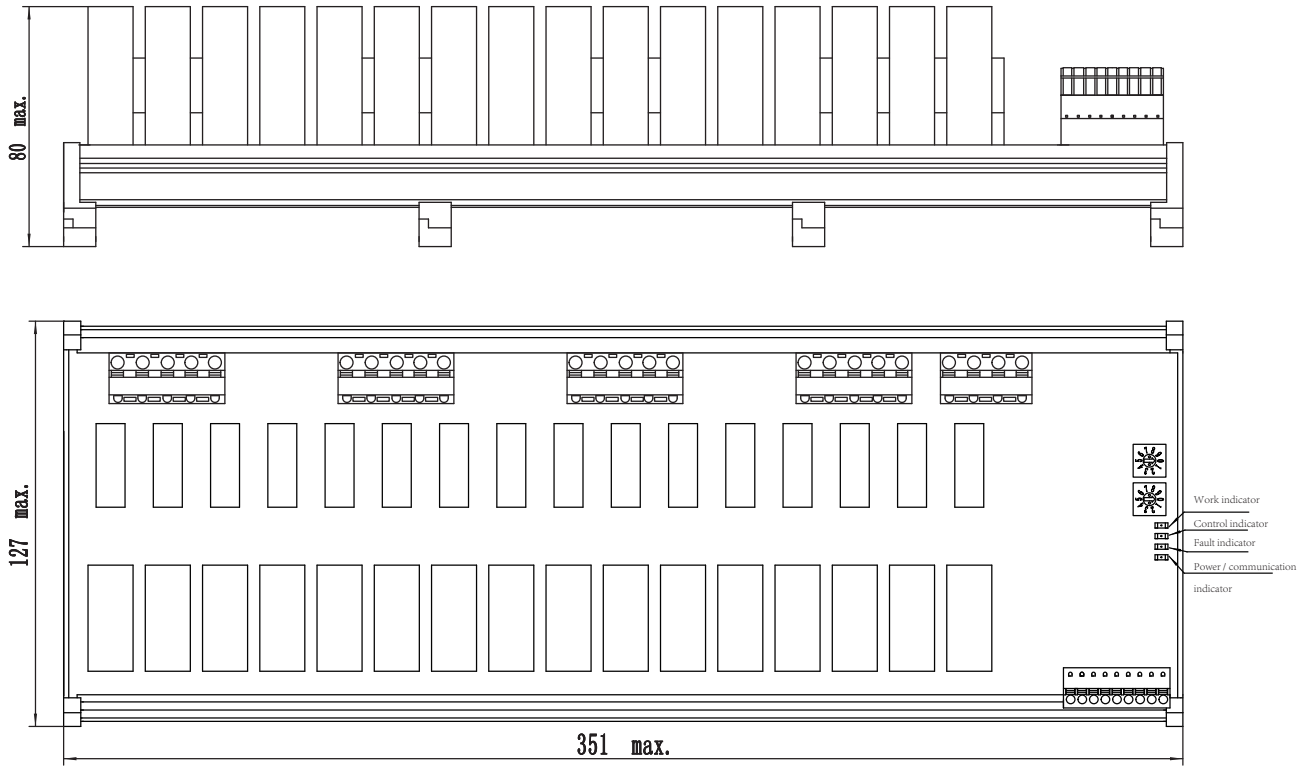
The heating occasions requiring multi-channel voltage regulation control, such as the heat flow channel, the heating control of the bottle blower, etc.

Outline Dimensions

Unit: mm



8 Channels



Work indicator: when the module is normal, it is lighted 1.5S once.

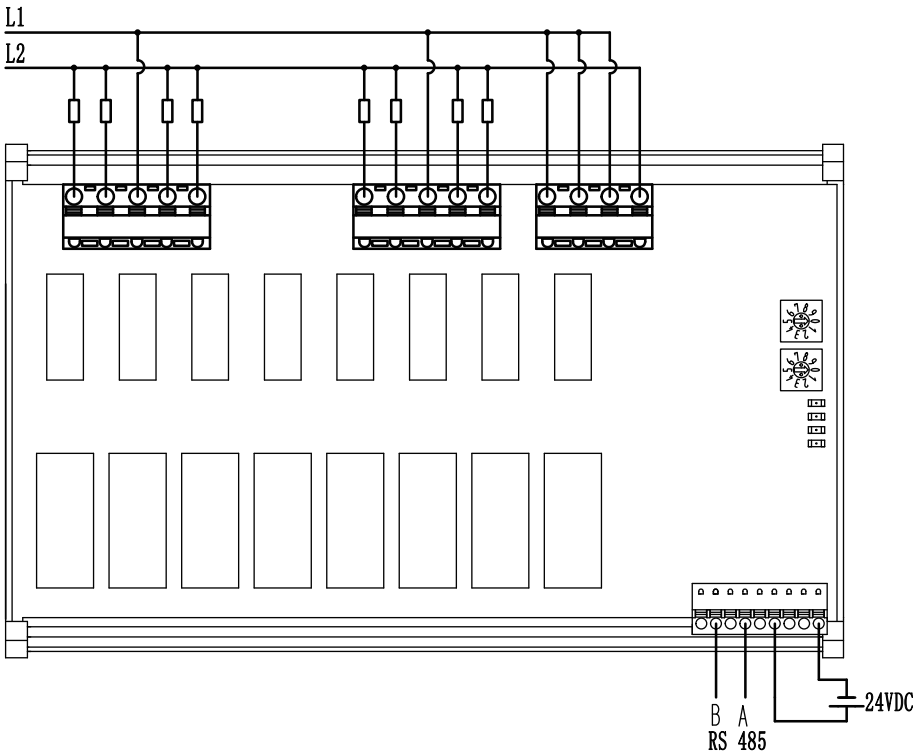
Control indicator: It is lighted when the product is connected.

Fault indicator: It is lighted when load power output circuit is abnormal.

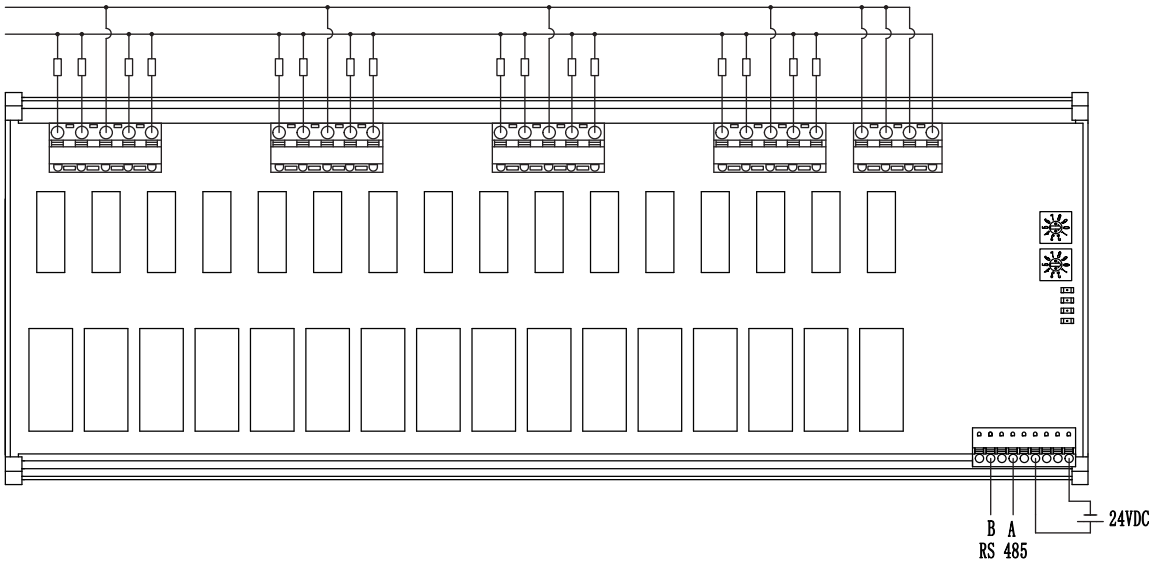
Power / communication indicator: It is lighted when bias power supply is on and increased brightness when communication.

16 Channels

Wiring Diagram

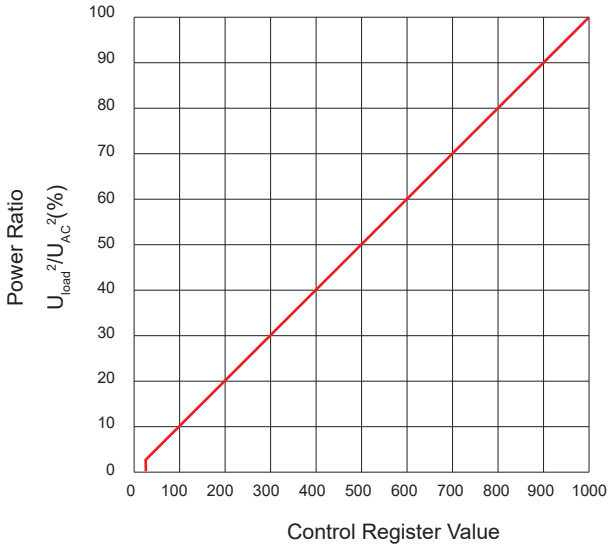


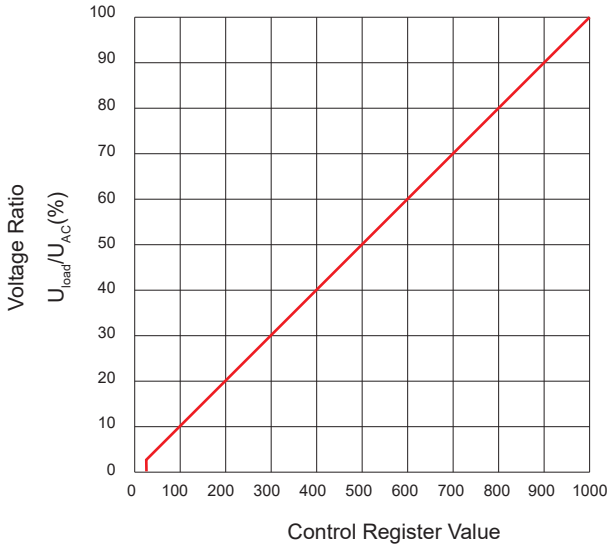
8 Channels

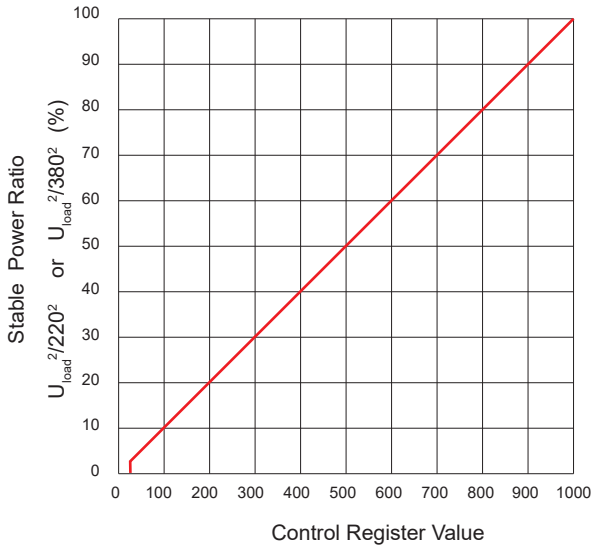


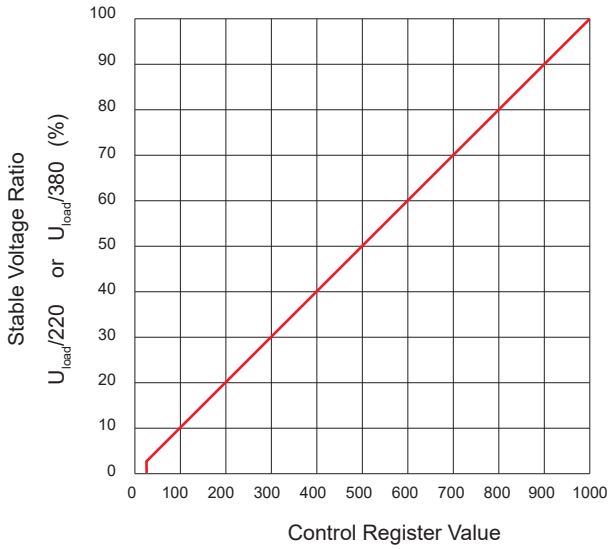
16 Channels

Output /Proportional Control Characteristic









Important Notice

1.To reduce external interference, twisted pair or shield wire is recommended as the control line for RS485.

! Warnings

1. The product's side panels may be hot, allow the product to cool before touching.
2. Disconnect all power before installing or working with this equipment.
3. Verify all connections and replace all covers before turning on power.