

About smart APEX Company

Founded in 2013, smart APEX company is a developer and manufacturer of home automation components with extensive experience. At smart APEX Company, we always strive for innovation and quality. Under the APEX brand name, the smart APEX company offers a variety of smart system products, including panelize modules, smart light switches, smart dimmers and thermostatic light switch equipped with Z-Wave, CAN-BUS, and TCP/IP protocols. Open communication protocol and available software drivers enable APEX components to be integrated with the best-known platforms.



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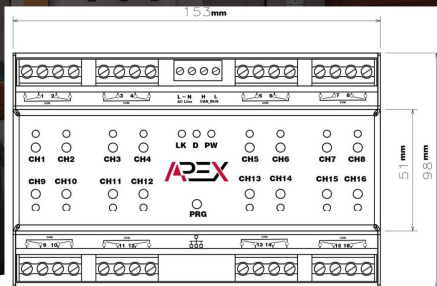


**Multi-function
relay module**
(LIGHTING, CURTAIN, FAN COIL)

V2 Series
(SDDP support, AC power supply)

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Control4 Compatible



The APEX DIN-Rail 16-Channel relay module controls up to sixteen high in-rush loads. Each channel supports a variety of load types, including incandescent, halogen, electronic low-voltage transformers, magnetic low-voltage transformers, fluorescents, compact fluorescents, LEDs, and motors. Output channels can configure as curtain control or three speed fan coil with or without valve control.

APX-1616-RL-V2

- » Controls up to eight C- loads (750A in 10ms)
- » Manual push buttons for each channel
- » Channel status LEDs indicate whether a load is ON or OFF

- » Combo module (Switch, Curtain, Fan coil)
- » SDDP support
- » Commons Line
- » CAN-BUS port can support APEX products with CAN, such as wall mounted products or DIN-RAIL modules

Specifications

Model number	APX-1616-RL
Power requirement	110~240VAC (selectable)
Power consumption	<3W
Supported load type	Incandescent, halogen, electronic low-voltage transformers (ELV), magnetic low-voltage transformers (MLV), fluorescents, compact fluorescents, LEDs, Curtain motor, Three speed fan coils, electrical valve, DC loads
Control communication	ETHERNET, CAN-BUS
Max load rate per channel	16A 16A/1HP
Operational temperature	-10 to 60°C
Humidity	5% to 95% non-condensing
Weight	0.85kg

LED STATUS

LK	Link status: if module and home center are connected together it will ON
D	Data status (it shows send or receive the messages from ETHERNET or CAN-BUS)
PW	Fast blinking: Ethernet or CAN-BUS are not connected to the target Slow blinking: Ethernet or CAN-BUS connection to the hub switch or BUS is right



PRG push button

short press for toggle all channels, 4 second press and hold for SDDP identify and 12 second press and hold for factory reset)

Sample wiring Diagram

