

DC POWER SUPPLY

MODEL **HDC1**

MODEL & SUFFIX CODE SELECTION

MODEL _____ **HDC1-K**
POWER INPUT _____
K : 85 – 132V AC

ORDERING INFORMATION

Specify code number. (e.g. HDC1-K)

GENERAL SPECIFICATIONS

Construction: plug-in

Connection: M3.5 screw terminals (nickel-plated steel; torque ≤ 0.8 N·m)

Housing material: flame-resistant resin (black)

Power fuse: 1A incorporated at input side

SUPPLY OUTPUT

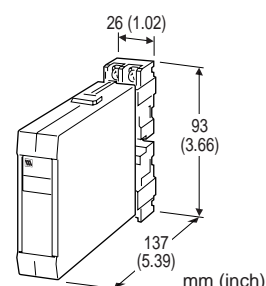
Output voltage: 24V DC $\pm 3\%$; ripple 100mV p-p max.

Typical load current: 350mA

Maximum load current: 450mA @1 minute

Overload protection: voltage drop characteristics
(automatic recovery)

Overload detection level: 500 – 800mA



Functions & Features

- Accepting 85 – 132V AC and providing regulated 24V DC output

INSTALLATION

Power input: 85 – 132V AC, 0.35A max.

Operating temperature: 0 to 50°C (32 to 122°F)

Operating humidity: 30 to 90% RH (non-condensing)

Mounting: surface or DIN rail; Standard Rack
Mounting Frame BX-16H available

Dimensions: W26×H93×D137 mm (1.02"×3.66"×5.39")

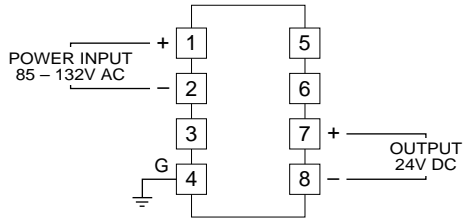
Weight: 200 g (0.44 lbs)

PERFORMANCE

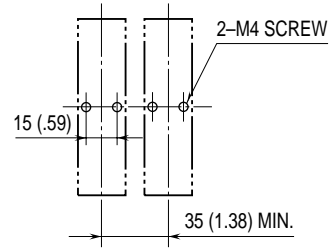
Insulation resistance: ≥ 100 M Ω with 500V DC

Dielectric strength: 2000V AC @1 minute
(power to output or ground)

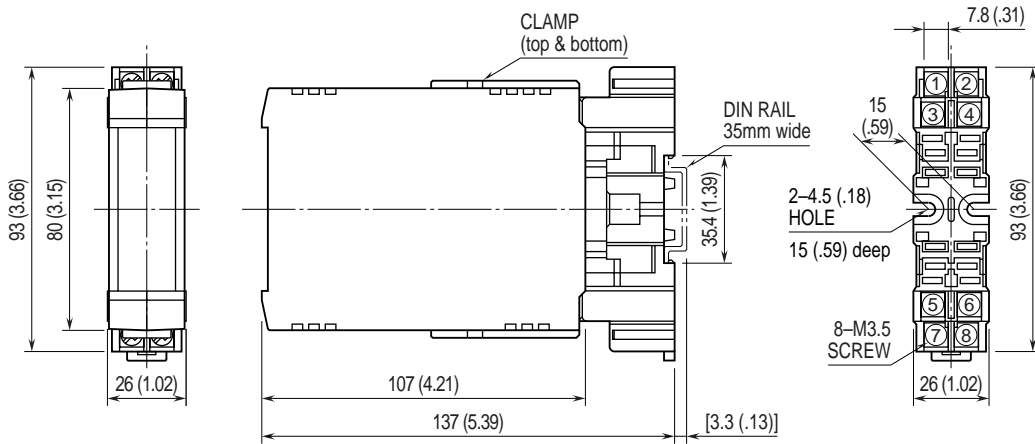
CONNECTION DIAGRAM



MOUNTING REQUIREMENTS mm (inch)



EXTERNAL DIMENSIONS & TERMINAL ASSIGNMENT mm (inch)



Specifications subject to change without notice.