

DC POWER SUPPLY	MODEL HDC1
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MODEL & SUFFIX CODE SELECTION

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

Functions & Features

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

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

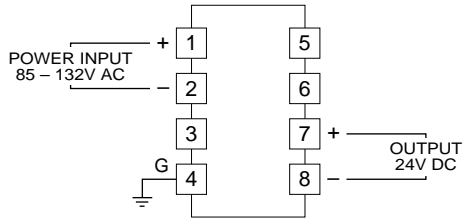
INSTALLATION

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)

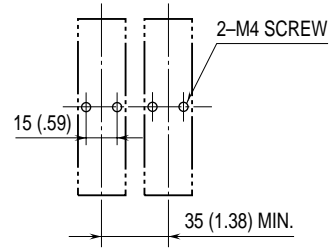
PERFORMANCE

Insulation resistance: $\geq 100M\Omega$ with 500V DC
Dielectric strength: 2000V AC @1 minute (power to output or ground)

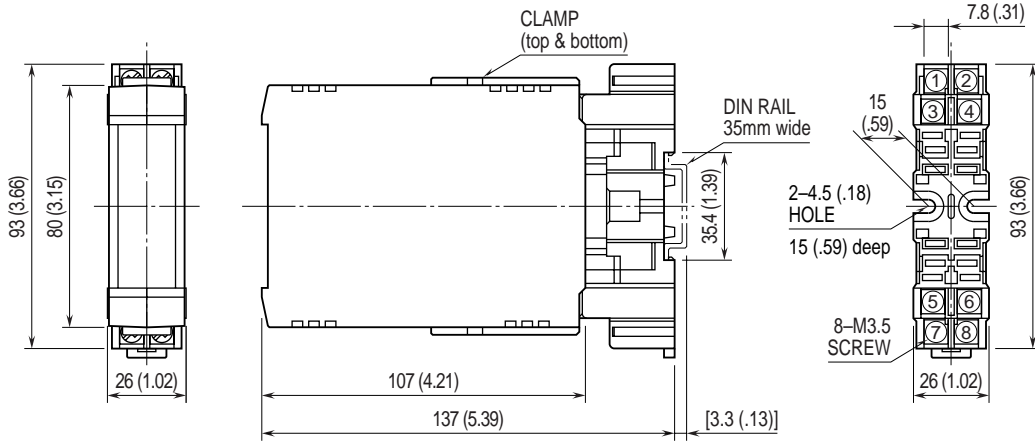
CONNECTION DIAGRAM



MOUNTING REQUIREMENTS mm (inch)



EXTERNAL DIMENSIONS & TERMINAL ASSIGNMENT mm (inch)



Specifications subject to change without notice.