

DHDR8-24/36

DIN rail power supply module



DHDR8-24/36 are economical 24 VDC / 36 W DIN rail mounted power supply modules with universal 85–264 VAC input range. Their ultra-slim design allows space saving inside the electrical cabinets.

Key features

- Universal input range
- Protections: short circuit, overvoltage and overload
- Cooling by free air convection
- DIN rail TS-35/7,5 or 15 mountable
- LED indicator for power on
- Limited power source test pass
- Ultra-slim design - 35 mm width

Technical specifications

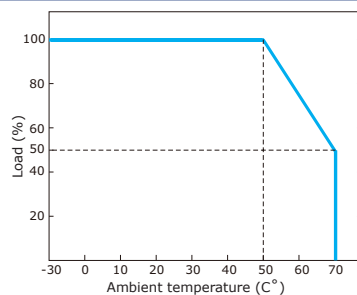
Input voltage	85–264 VAC / 47–63 Hz	
Output voltage	24 VDC	
Rated power	36 W	
Current range	0–1,5 A	
No load power consumption	< 0,3 W	
Protection	Overload	Constant current limiting, recovers automatically after fault condition is removed
	Overvoltage	Shut down, re-power to recover
EMC emission	Class B (EN55032)	
Ambient conditions	Temperature	-30–70 °C
	Relative humidity	20–90 % rH, non-condensing
Protection standard	IP20	

Wiring and connections

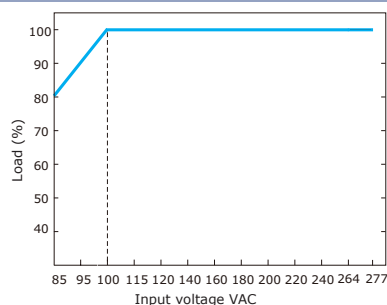
L	Supply voltage, line: 85–264 VAC / 47–63 Hz
N	Supply voltage, neutral: 85–264 VAC / 47–63 Hz
-V	GND, output voltage connection
+V	+ 24 VDC, output voltage connection

Fixing and dimensions

Output derating VS ambient temperature



Output derating VS input voltage



Area of use

- Power supply for 24 VDC articles such as sensors, controllers and user interfaces
- Industrial and household control systems, building and factory automation

Standards

- Low Voltage Directive 2014/35/EC
- EMC Directive 2014/30/EC:
 - EN55024, EN55035, EN61000-6-2, EN61204-3
 - EN 55032, EN61000-3-2, EN61000-3-3
 - EN 61000-4-2 to EN 61000-4-8
 - EN61000-4-11
- RoHS Directive 2011/65/EC



Global trade item numbers (GTIN)

Packaging	DHDR8-24-36
Unit	05401003000731
Box	05401003500231

Fixing and dimensions

