NDR-480

Single-output DIN rail power supply

Output selection

Parameter	NDR-480-24	NDR-480-48
DC voltage	24 V	48 V
DC output current	0–20 A	0–10 A
Efficiency	92.5%	92.5%
Ripple and noise	150 mV p-p	150 mV p-p
Line regulation	±0.5%	±0.5%
Load regulation	±1%	±1%
DC voltage adjustment	±10%	±10%

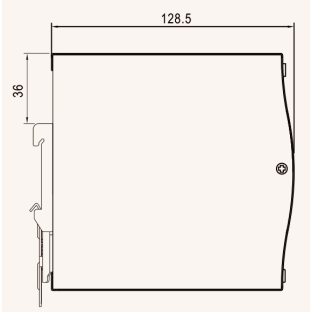
Operating conditions

AC / DC input	85–264 VAC / 120–370 VDC
Family power class	480 W (single output)
Input frequency	47–63 Hz
Cold-start inrush	20 A at 115 VAC; 35 A at 230 VAC
Overload protection	105–150%: output cutoff; automatic recovery.
Overvoltage protection	120–140%: output shuts down. Reapply power to recover.
Setup / rise	1500 / 100 ms at 230 VAC, full load. Hold-up time is not specified.
Withstand voltage	Input/output: 3 kV; input/FG: 2 kV; output/FG: 0.5 kV; 1 minute.
Insulation resistance	Input/output, input/FG and output/FG: 100 MΩ at 500 VDC.

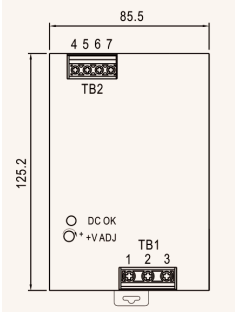
NDR-480

Mechanical dimensions and installation

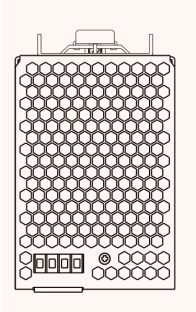
85 / 85.5 × 125.2 × 128.5 mm



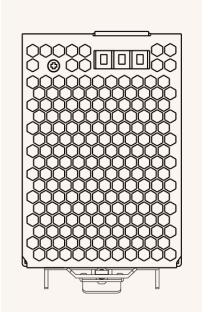
Side elevation



Front elevation



Top view



Bottom view

Working environment	−10 to +50 °C
Unit weight	1.5 kg
Packing	8 pcs / 13 kg
Terminal assignments	TB1: 1 = FG; 2 = AC/N or DC −; 3 = AC/L or DC +.
Technical note	TB2: 4 and 5 = −V; 6 and 7 = +V.
Technical note	The dimension table gives 85 mm for the width; the header and front elevation give 85.5 mm. Confirm the width of the supplied revision before fixing panel spacing.