

RPS XXX

RPS 30

Description: 24 V DC DIN rail power supply unit

Type: RPS 30

More Interfaces:

Voltage input 1 terminal block, 3-pin

Voltage output 1 terminal block, 5-pin

Power requirements:

Operating voltage 230 V

Input data:

230 V 100 to 240 V AC; 47 to 63 Hz or

85 to 375 V DC

115 V -

Current consumption:

230 V max. 0,35 A at 296 V AC

115 V -

Activation current < 36 A at 240 V AC and cold start

Output data:

Output voltage 24 V DC (-0,5%, +0,5%)

Output current:

230 V 1,3 A at 100 - 240 V AC

115 V -

Service:

Diagnostics LED (power, DC ON)

Redundancy:

Redundancy functions Power supply units can be connected in parallel

Ambient conditions:

Operating temperature -10 °C to +70 °C (from 60 °C derating)

Storage/transport temperature -25 °C to +85 °C

Relative humidity (non-condensing) max. 95% without condensation

Mechanical construction:

Dimensions (W x H x D) 45 mm x 75 mm x 98 mm

Mounting DIN Rail 35 mm

Weight 230 g

Protection class IP 20

EMC interference immunity:

EN 50082-1 EN 61000-6-2 (includes EN 55024)

EN 50082-2 EN 61000-6-2 (includes EN 55024)

EMC emitted immunity:

EN 50081-1 EN 50081-1

EN 50081-2 EN 50081-2

Approvals:

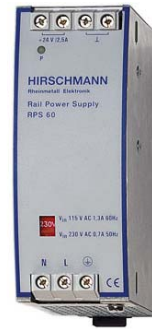
Safety of industrial control equipment cUL 508 (E 198865)

Safety of information technology equipment cUL 60950 (E 137006)

Scope of delivery and accessories:

Scope of delivery Rail power supply,

Description and operating manual



RPS 60

Description: 24 V DC DIN rail power supply unit
Type: RPS 60

More Interfaces:

Voltage input 1 terminal block, 3-pin
Voltage output 1 terminal block, 4-pin

Power requirements:

Operating voltage Selector switch 230 V/115 V

Input data:

230 V 176 to 264 V AC; 47 to 63 Hz or
160 to 375 V DC
115 V 85 to 132 V AC; 47 to 63 Hz

Current consumption:

230 V Max. 0.7 A at 264 V AC
115 V Max. 1.3 A at 264 V AC
Activation current < 25 A at 264 V AC and cold start

Output data:

Output voltage 24 V DC (-1%, +5%)

Output current:

230 V 2.5 A at 176 - 264 V AC
2.5 A at 160 - 375 V DC
115 V 85 to 132 V AC; 47 to 63 Hz

Service:

Diagnostics LED (power, goes out at U out < 12 V)

Redundancy:

Redundancy functions Power supply units can be connected in parallel

Ambient conditions:

Operating temperature -10 °C to +70 °C (from 60 °C derating)
Storage/transport temperature -25 °C to +85 °C
Relative humidity (non-condensing) 10 to 90 %

Mechanical construction:

Dimensions (W x H x D) 50 mm x 125 mm x 103 mm
Mounting DIN Rail 35 mm
Weight 460 g
Protection class IP 20

EMC interference immunity:

EN 50082-1 EN 50082-1
EN 50082-2 EN 50082-2

EMC emitted immunity:

EN 50081-1 EN 50081-1
EN 50081-2 EN 50081-2

Approvals:

Safety of industrial control equipment cUL 508 (E 198865)
Safety of information technology equipment cUL 60950 (E 137006)

Scope of delivery and accessories:

Scope of delivery Rail power supply,
Description and operating manual

RPS 120

Description: 24 V DC DIN rail power supply unit
Type: RPS 120

More Interfaces:

Voltage input 1 terminal block, 3-pin

Voltage output 1 terminal block, 4-pin

Power requirements:

Operating voltage Selector switch 230 V/115 V

Input data:

230 V 176 to 264 V AC; 47 to 63 Hz or

210 to 375 V DC

115 V 85 to 132 V AC; 47 to 63 Hz

Current consumption:

230 V Max. 1,4 A at 264 V AC

115 V Max. 2,6 A at 264 V AC

Activation current < 15 A at 264 V AC and cold start

Output data:

Output voltage 24 V DC (-1%, +5%)

Output current:

230 V 5 A at 176 - 264V AC

5 A at 210 - 375 V DC

115 V 5 A at 85 - 132 V AC

Service:

Diagnostics LED (power, goes out at U out < 12 V)

Redundancy:

Redundancy functions Power supply units can be connected in parallel

Ambient conditions:

Operating temperature -10 °C to +70 °C (from 60 °C derating)

Storage/transport temperature -25 °C to +85 °C

Relative humidity (non-condensing) 10 to 90 %

Mechanical construction:

Dimensions (W x H x D) 65 mm x 125 mm x 103 mm

Mounting DIN Rail 35 mm

Weight 620 g

Protection class IP 20

EMC interference immunity:

EN 50082-1 EN 50082-1

EN 50082-2 EN 50082-2

EMC emitted immunity:

EN 50081-1 EN 50081-1

EN 50081-2 EN 50081-2

Approvals:

Safety of industrial control equipment cUL 508 (E 198865)

Safety of information technology equipment cUL 60950 (E 137006)

Scope of delivery and accessories:

Scope of delivery Rail power supply,

Description and operating manual