



Product information
RPS 120 EEC (CC)
943 662-121

Name	
RPS 120 EEC (CC)	
	
24 V DC DIN rail power supply unit	
Delivery informations	
Availability	available
Product description	
Description	24 V DC DIN rail power supply unit
Type	RPS 120 EEC (CC)
Order No.	943 662-121
More Interfaces	
Voltage input	1 Bi-stable, quick-connect spring clamp terminals, 3-pin
Voltage output	1 Bi-stable, quick-connect spring clamp terminals, 6-pin
Power requirements	
Operating voltage	230 V
Input data	
230 V	100-240 V AC (-15/+10%); 50-60Hz or 110 to 300 V DC (+/-20%)
Current consumption	
230 V	max. 1,4-0,65 A at 100-240 V AC max. 1,2 - 0,45 A bei 120 - 300 V DC
Activation current	< 15 A at 100 and 230 V AC
Output data	
Output voltage	24-28 V DC (typ. 24,1 V); externally adjustable
Output current	
230 V	min. 5 - 4,5 A continuous 7,5 - 6,7 A for typ. 4 sec
Service	
Diagnostics	LED (DC OK, Overload)
Redundancy	
Redundancy functions	Power supply units can be connected in parallel
Ambient conditions	
Operating temperature	-25 °C to +70 °C inclusive Conformal Coating (from 60 °C Derating)
Storage/transport temperature	-40 °C to +85 °C
Relative humidity (non-condensing)	5 to 95 %
MTBF	-
Mechanical construction	
Dimensions (W x H x D)	40 mm x 124 mm x 117 mm
Mounting	DIN Rail 35 mm
Weight	620 g
Protection class	IP 20
EMC interference immunity	
EN 50082-1	EN 61000-6-1
EN 50082-2	EN 61000-6-2 (includes EN 55024)
EMC emitted immunity	
EN 50081-1	EN 61000-3-2, 61000-3-3, 61000-6-3, 61000-6-4
EN 50081-2	-

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



Approvals

Safety of industrial control equipment	cUL 508
Safety of information technology equipment	cUL 60950-1
Hazardous locations	ISA 12.12.01 Class 1 Div. 2 (pending)
Shipbuilding	Germanischer Lloyd
Scope of delivery and accessories	
Scope of delivery	Rail power supply, Description and operating manual

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