

Data Sheet | Item Number: 750-601

Power Supply; 24 VDC; fuse holder

<https://www.wago.com/750-601>



This supply module provides the I/O modules with the corresponding supply potential.

The maximum current provided by the supply module is 6.3 A. When configuring the system, the total current must not be exceeded. Should higher currents be necessary, an intermediate supply module must be added to the assembly.

This module is fuse-protected (5 x 20 mm). The fuse can be changed quickly, with ease, from the retractable fuse carrier.

A blown fuse is indicated by a LED.

Technical data

Signal type	Voltage
Signal type (voltage)	24 VDC
Fuse	5 x 20; T 6.3 A (not included)
Supply voltage (system)	5 VDC; via data contacts
Supply voltage (field)	24 VDC (-25 ... +30 %); Via power jumper contacts (power supply via CAGE CLAMP® connection; transmission (supply voltage field side only) via spring contact)
Indicators	LED (A) red: defective fuse error; LED (B) green: power supply status
Number of outgoing power jumper contacts	3
Current carrying capacity (power jumper contacts)	6.3 A

Connection data

Connection technology: field supply	6 x CAGE CLAMP®
Connection type 1	Field supply
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data

Width	12 mm / 0.472 inches
Height	100 mm / 3.937 inches
Depth	69.8 mm / 2.748 inches
Depth from upper-edge of DIN-rail	62.6 mm / 2.465 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	light gray
Housing material	Polycarbonate; polyamide 6.6
Fire load	1.656 MJ
Weight	46.5 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	0 ... +55 °C
Ambient temperature (storage)	-40 ... +85 °C
Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	Horizontal left, horizontal right, horizontal up, horizontal down, vertical top and vertical bottom
Relative humidity (without condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-4, marine applications
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
Permissible H ₂ S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data

Product Group	15 (I/O System)
eCl@ss 10.0	27-24-26-10
eCl@ss 9.0	27-24-26-10
ETIM 8.0	EC001600
ETIM 7.0	EC001600
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454415297
Customs tariff number	85389091890

Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 25550-51-0 7439-92-1
REACH Candidate List Substance	4-Methyl-1,2-cyclohexanedicarboxylic anhydride Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	2867924b-70b7-4758-a590-f995d958ec6a
SCIP notification number (Belgium)	ae843cd9-d39a-4bbe-9894-c68457a9eb18
SCIP notification number (Bulgaria)	61c61a79-8e0e-4929-af8c-4af4b8c8d75c
SCIP notification number (Czech Republic)	9b5c752b-d91d-4798-b40e-8ed11b5f73cf
SCIP notification number (Denmark)	67fa290f-4a2b-4e41-85dc-a74a69814714
SCIP notification number (Finland)	f703d88e-a5ec-4d15-894d-e643111621ff
SCIP notification number (France)	86d221de-037f-47c8-be26-52afc5d1e379
SCIP notification number (Germany)	cf65bd97-f53e-4d45-84c8-c2c5ba75ff3b
SCIP notification number (Hungary)	2837dc61-ff63-403a-ac95-75ce6542ff4e
SCIP notification number (Italy)	48715baf-a476-42bc-9f1e-4b4b6ef4dd9c
SCIP notification number (Netherlands)	24c0f9a0-9a85-4b06-b7c5-0009bbdcd098
SCIP notification number (Poland)	16bc0647-06aa-40e8-802c-97f952cacac3
SCIP notification number (Romania)	06246bf7-df3a-48b8-8716-56673a6a9fdd
SCIP notification number (Sweden)	49a011c8-4aca-45fa-a47c-2d0352a23bcd

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com