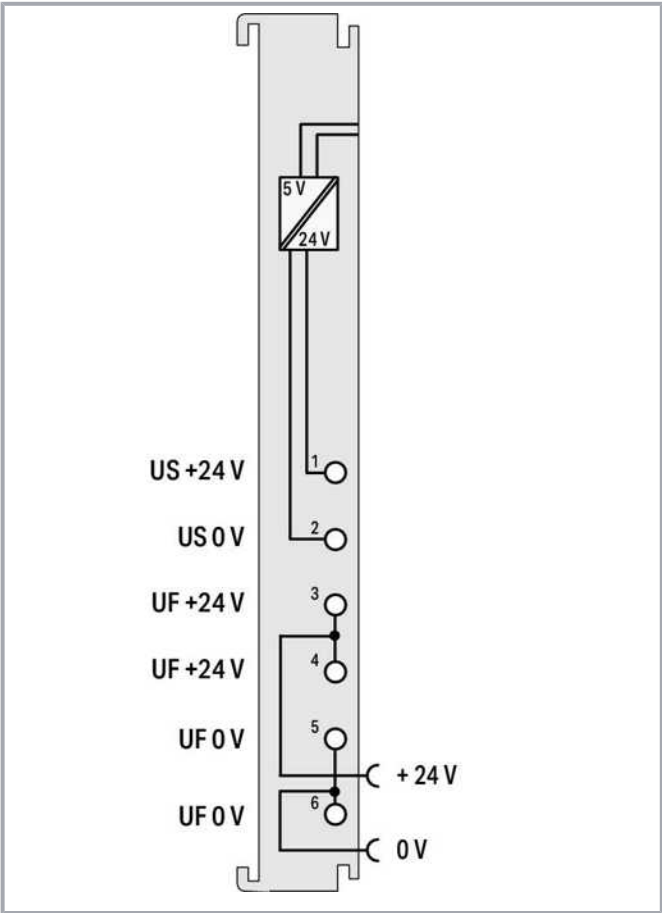
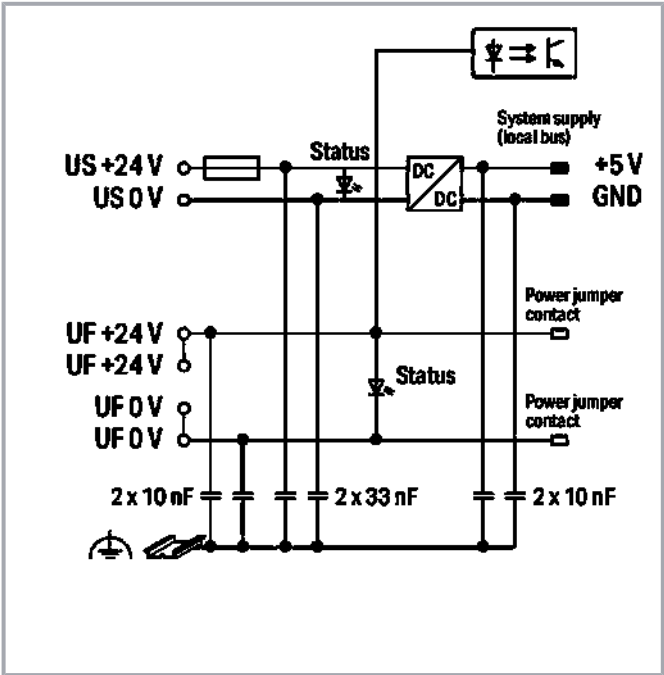


Subject to changes. Please also observe the further product documentation!



Item description

This system supply module with bus power supply increases the capacity of the system supply for bus nodes with high current consumption (sum of the internal current consumption of the I/O modules) and enables the system supply of additional I/O modules with a maximum total current of 3900 mA (own current consumption of the system supply module already considered).
If required, additional system supply modules with bus power supply can be used.

The module also supplies field-side power to the adjacent I/O modules via power jumper contacts.

For field supply, the module transmits status information to the head-end station.

Data

Technical data

Data width	1 bit; bit 0: field power supply status
Supply voltage (system)	24 VSELV DC (-25 ... +30 %); US
Current consumption (system power supply) at max. local bus supply	900 mA
Total current for system supply (local bus) max.	3,900 mA

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



Supply voltage (field)	24 VSELV DC (-25 ... +30 %); UF
Current consumption, field supply (module with no external load)	3 mA
Power supply efficiency (typ.) at nominal load (24 V)	95 %
Power loss P_I	1.5 W
Isolation, Field/System	min. 1000 VDC (1 min); per EN/UL 61010-2-201
Current carrying capacity (power jumper contacts)	12 A
Current carrying capacity of the power jumper contacts (note)	Requires external fusing (12.5 A fast) of the field supply
Marking	CI I, Div. 2, Group A, B, C, D, T4

Connection data

Connection technology: field supply	4 x Push-in CAGE CLAMP®
Connection technology: system supply	2 x Push-in CAGE CLAMP®
Connection type 1	System supply
Solid conductor	0.25 ... 2.5 mm² / 22 ... 14 AWG
Fine-stranded conductor	0.25 ... 2.5 mm² / 22 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Connection type 2	Field supply
Note (conductor cross-section)	Insulated ferrule: 1.5 mm² (max.)

Physical data

Width	12 mm / 0.472 inch
Height	105 mm / 4.134 inch
Depth	75 mm / 2.953 inch

Mechanical data

Mounting type	DIN-35 rail
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Material data

Fire load	0.062 MJ
Weight	68 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	-25 ... +60 °C (Horizontal, typical control cabinet installation; -25 ... +50 °C, other mounting positions)
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WAGO Corporation
 Germantown, WI 53022
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
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Surrounding air temperature (storage)	-40 ... +85 °C
Temperature range of connection cable per EN 61010-2-201	$\geq (T_{\text{ambient}} + 25 \text{ K})$
Temperature range of connection cable per UL 61010-2-201 (min.)	85 °C
Protection type	IP20
Pollution degree (5)	2
Operating altitude	without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 3000 m (0.5 K/100 m)
Mounting position	horizontal, typical for control cabinets (nominal mounting position); horizontal (floor mounting position); standing (vertical at bottom)
EMC immunity to interference	per EN 61000-6-1, -2
EMC emission of interference	per EN 61000-6-3, -4

Commercial data

PU (SPU)	1 Stück
Country of origin VKOrg Germany	DE
GTIN	4055143975667
Customs tariff number VKOrg Germany	8538901000

Approvals / Certificates


Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA000031M

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

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Installation Notes

Product family

WAGO I/O System Advanced

[Show all products from the family](#)

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