

### Item description

The internal system supply module increases the current supply for the internal system by 2A.

If the internal current consumption of all modules is higher than 2A, an additional supply module must be added.

The module also supplies field side power to the adjoining modules via the power jumper contacts.



## Data

### Technical Data

Type of signal	Voltage
Type of signal voltage	DC 24 V
Input current max.	500 mA
System supply voltage	DC 24 V (-25 ... +30 %); via wiring level (CAGE CLAMP® connection)
Total current for system supply	2000 mA
Field supply voltage	DC 24 V (-25 ... 30 %); via wiring level (CAGE CLAMP® connection) ankommend; DC 24 V; über Leistungskontakte abgehend
Efficiency of the power supply (typ.) at nominal load (24 V)	90 %
Number of outgoing power jumper contacts	3
Current carrying capacity of the power jumper contacts	10 A

### Connection data

Connection technology: field supply	6 x CAGE CLAMP®
Connection technology: system supply	2 x CAGE CLAMP®
Connection type (1)	System-/Feldversorgung
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch

### Geometrical Data

Width	12 mm / 0.472 in
Height	69.8 mm / 2.748 in
Height from upper-edge of DIN-35 rail	62.6 mm / 2.465 in
Depth	100 mm / 3.937 in

### Mechanical data

Type of mounting	DIN-35 rail
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### Material Data

Color	light gray
Housing material	Polycarbonate, polyamide 6.6
Fire load	1.448 MJ
Weight	55 g
Conformity marking	CE

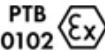

## Environmental Requirements

Surrounding air (operating) temperature	0 ... 55 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Degree of protection	IP20
Degree of pollution (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m
Mounting position	horizontal (standing/lying) or vertical
Relative air humidity (no condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-4, marine applications
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43
Permissible H <sub>2</sub> S contaminant concentration at a relative humidity < 75 %	10 ppm
Permissible SO <sub>2</sub> contaminant concentration at a relative humidity < 75 %	25 ppm









## Commercial data

Country of Origin	DE
GTIN	4045454393823
Customs Tariff No.	85389091890
Product Group	15 (Remote I/O)


## Ex-Approvals

Logo	Approval	Certificate name
	<b>ATEX</b> TUEV Nord Cert GmbH	TÜV 07 ATEX 554086 X en.
	<b>TUEV Nord</b> TUEV Nord Cert GmbH	IECEx TUN 09.0001 X
	<b>UL</b> Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	E198726 Sec.1

## Ship Approvals

Logo	Approval	Certificate name
	<b>ABS</b> American Bureau of Shipping	16-HG1554285-PDA
	<b>BV</b> Bureau Veritas S.A.	13453/DO BV
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	TAA0000194
	<b>DNV</b> DNV Germany GmbH	A-14093
	<b>GL</b> Germanischer Lloyd	26 898 - 05 HH
	<b>LR</b> {Lloyds Register EMEA	02/20026 (E5)
	<b>NK</b> Nippon Kaiji Kyokai	TA17255M
	<b>PRS</b> Polski Rejestr Statkow	TE/1989/880590/13
	<b>RINA</b> RINA Germany GmbH	ELE134212XG

## UL-Approvals

Logo	Approval	Certificate name
	<b>UL</b> UL International Netherlands B.V. (ORDINARY LOCATIONS)	E175199 Sec.1



## Product family

**750/753 Series I/O-System**

Show all products from the family.

Subject to changes.

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Do you have any questions about our products?

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