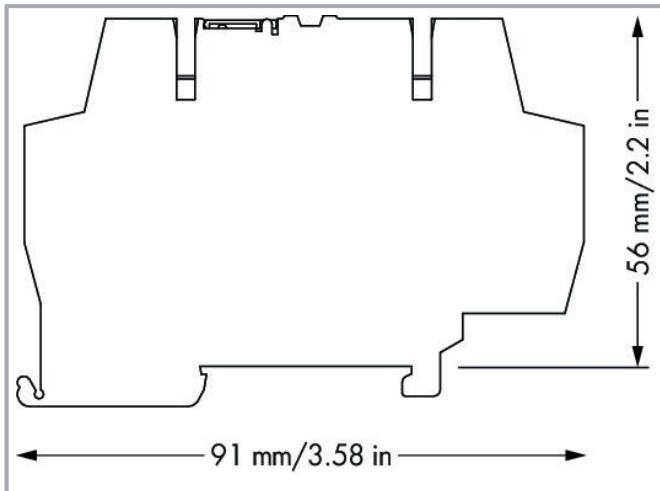
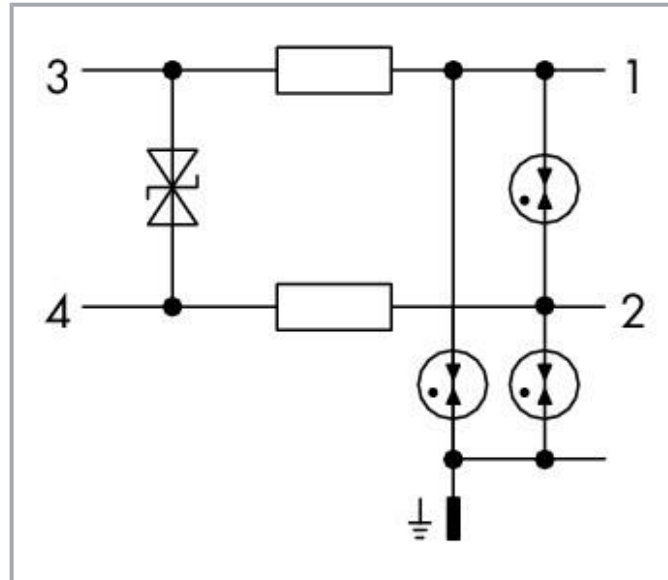
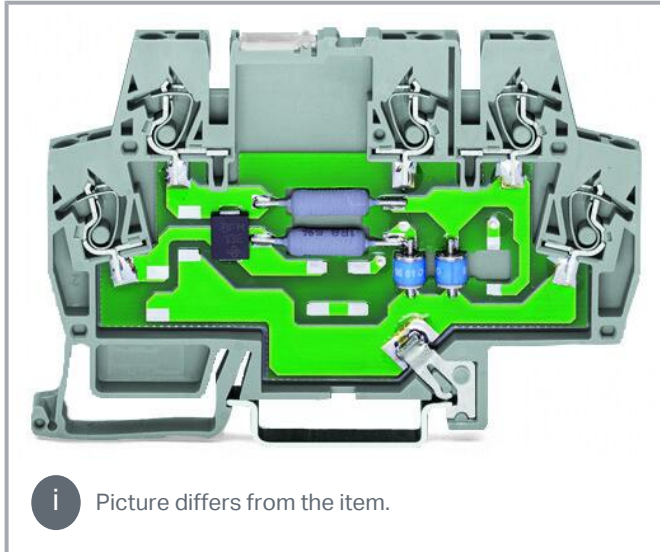


Data sheet | Item number: 792-805

Surge suppression module for signal technology; Nominal voltage: 5 VDC;
for 2 signal paths with common surge arrester; for interfaces with high baud
rate; Two-stage; Width: 6 mm; 2,50 mm²

www.wago.com/792-805



Item description

Short description:

Provides surge protection for IT systems and devices in the voltage range up to 60 V (except custom solutions, e.g., telephone systems with ringing voltage).

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Overvoltage protection is also possible for DIN-35 rail-mount terminal blocks. Multi-stage surge arresters in rail-mount terminal blocks (792-80x Series) of just 6 mm width ensure cost-effective protection for control and bus technology (e.g., LON[®] network, PROFIBUS network, binary signals).

Features:

- Protect your system against overvoltage
- Slim, space-saving design
- Control operational costs by preventing expensive, unplanned downtime
- High operational reliability and system uptime

Data**Notes**

Note	The coordination characteristics of the surge arrester provide information about its discharge capacity and protection capability.
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Electrical data

Nominal operating voltage	DC 5 V
Highest continuous voltage	AC 4.2 V / DC 6 V
Nominal current	0.1 A
Nominal discharge current (8/20 µs) (line)	5 kA
Nominal discharge current (8/20 µs) (total)	10 kA
Protection level (line/line) (cat. C2 at I_N)	≤ 27 V
Protection level (line/protected ground) (cat. C2 at I_N)	≤ 50 V
Protection level (line/line) (cat. C3 at I_N)	≤ 14 V
Protection level (line/protected ground) (cat. C3 at I_N)	≤ 14 V
Limit frequency (line/line)	250 MHz
Limit frequency (line/protected ground)	180 MHz
Impedance	1 Ω

Safety and protection

Protection type	IP00; IP20 with end and intermediate plate
-----------------	--

Connection data

Connections (number)	5
Connection technology	CAGE CLAMP [®]

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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	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	6 mm / 0.236 inches
Height from upper-edge of DIN-rail	56 mm / 2.205 inches
Depth	91 mm / 3.583 inches

Mechanical Data

Mounting type	DIN-35 rail DIN-35 rail
---------------	----------------------------

Material data

Weight	38 g
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Environmental requirements

Ambient temperature (operation)	-40 ... +80 °C
Ambient temperature (storage)	-40 ... +80 °C

Standards and specifications

Standards/specifications	IEC 61643-21 IEC 61131-3
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Commercial data

Product Group	21 (Special Products Electronic)
eCl@ss 10.0	27-13-08-05
eCl@ss 9.0	27-13-08-05
ETIM 8.0	EC000943
ETIM 7.0	EC000943
Recupel Type	
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332843737
Customs tariff number	85363010900

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

Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

Marking accessories

Marking device			
	Item no.: 210-110 Fiber-tip pen		www.wago.com/210-110
Marker			
	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white		www.wago.com/2009-145
	Item no.: 248-451 Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white		www.wago.com/248-451
	Item no.: 248-455 Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white		www.wago.com/248-455
	Item no.: 248-450 Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white		www.wago.com/248-450
	Item no.: 248-452		

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Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white www.wago.com/248-452

**Item no.: 248-453**

Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white www.wago.com/248-453

**Item no.: 248-454**

Mini-WSB marking card; as card; MARKED; U11 - U20 (10x); not stretchable; Horizontal marking; snap-on type; white www.wago.com/248-454

**Item no.: 248-566**

Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white www.wago.com/248-566

**Item no.: 248-501**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white www.wago.com/248-501

**Item no.: 248-504**

Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white www.wago.com/248-504

End plate

Intermediate plate

**Item no.: 859-525**

End and intermediate plate; 1 mm thick; gray www.wago.com/859-525

Tool

Operating tool

**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured www.wago.com/210-720

Jumpers

Jumper

**Item no.: 859-408**

Jumper; for jumper slot; 8-way; insulated; light gray www.wago.com/859-408

**Item no.: 859-404/000-005**

Jumper; for jumper slot; 4-way; insulated; red www.wago.com/859-404/000-005

**Item no.: 859-404/000-006**

Jumper; for jumper slot; 4-way; insulated; blue www.wago.com/859-404/000-006

**Item no.: 859-405/000-005**

Jumper; for jumper slot; 5-way; insulated; red www.wago.com/859-405/000-005

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**Item no.: 859-405/000-029**

Jumper; for jumper slot; 5-way; insulated; yellow

www.wago.com/859-405/000-029**Item no.: 859-405**

Jumper; for jumper slot; 5-way; insulated; light gray

www.wago.com/859-405**Item no.: 859-404/000-029**

Jumper; for jumper slot; 4-way; insulated; yellow

www.wago.com/859-404/000-029**Item no.: 859-405/000-006**

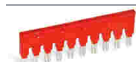
Jumper; for jumper slot; 5-way; insulated; blue

www.wago.com/859-405/000-006**Item no.: 859-406/000-005**

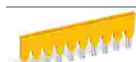
Jumper; for jumper slot; 6-way; insulated; red

www.wago.com/859-406/000-005**Item no.: 859-409/000-029**

Jumper; for jumper slot; 9-way; insulated; yellow

www.wago.com/859-409/000-029**Item no.: 859-410/000-005**

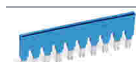
Jumper; for jumper slot; 10-way; insulated; red

www.wago.com/859-410/000-005**Item no.: 859-410/000-029**

Jumper; for jumper slot; 10-way; insulated; yellow

www.wago.com/859-410/000-029**Item no.: 859-410**

Jumper; for jumper slot; 10-way; insulated; light gray

www.wago.com/859-410**Item no.: 859-410/000-006**

Jumper; for jumper slot; 10-way; insulated; blue

www.wago.com/859-410/000-006**Item no.: 859-403/000-005**

Jumper; for jumper slot; 3-way; insulated; red

www.wago.com/859-403/000-005**Item no.: 859-402/000-029**

Jumper; for jumper slot; 2-way; insulated; yellow

www.wago.com/859-402/000-029**Item no.: 859-403/000-029**

Jumper; for jumper slot; 3-way; insulated; yellow

www.wago.com/859-403/000-029

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	Item no.: 859-403/000-006 Jumper; for jumper slot; 3-way; insulated; blue	www.wago.com/859-403/000-006
	Item no.: 859-408/000-005 Jumper; for jumper slot; 8-way; insulated; red	www.wago.com/859-408/000-005
	Item no.: 859-408/000-029 Jumper; for jumper slot; 8-way; insulated; yellow	www.wago.com/859-408/000-029
	Item no.: 859-409 Jumper; for jumper slot; 9-way; insulated; light gray	www.wago.com/859-409
	Item no.: 859-408/000-006 Jumper; for jumper slot; 8-way; insulated; blue	www.wago.com/859-408/000-006
	Item no.: 859-403 Jumper; for jumper slot; 3-way; insulated; light gray	www.wago.com/859-403
	Item no.: 859-409/000-005 Jumper; for jumper slot; 9-way; insulated; red	www.wago.com/859-409/000-005
	Item no.: 859-404 Jumper; for jumper slot; 4-way; insulated; light gray	www.wago.com/859-404
	Item no.: 859-409/000-006 Jumper; for jumper slot; 9-way; insulated; blue	www.wago.com/859-409/000-006
	Item no.: 859-402/000-006 Jumper; for jumper slot; 2-way; insulated; blue	www.wago.com/859-402/000-006
	Item no.: 859-402 Jumper; for jumper slot; 2-way; insulated; light gray	www.wago.com/859-402
	Item no.: 859-402/000-005 Jumper; for jumper slot; 2-way; insulated; red	www.wago.com/859-402/000-005
	Item no.: 859-406/000-006 Jumper; for jumper slot; 6-way; insulated; blue	www.wago.com/859-406/000-006
	Item no.: 859-406/000-029 Jumper; for jumper slot; 6-way; insulated; signal yellow	www.wago.com/859-406/000-029

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



Item no.: 859-407/000-006

Jumper; for jumper slot; 7-way; insulated; blue

www.wago.com/859-407/000-006


Item no.: 859-407/000-005

Jumper; for jumper slot; 7-way; insulated; red

www.wago.com/859-407/000-005


Item no.: 859-407/000-029

Jumper; for jumper slot; 7-way; insulated; yellow

www.wago.com/859-407/000-029


Item no.: 859-407

Jumper; for jumper slot; 7-way; insulated; light gray

www.wago.com/859-407

Downloads

Documentation

Bid Text

792-805 X81 - Datei	2019 Feb 19	xml 4.5 kB	Download
792-805 doc - Datei	2015 Feb 11	doc 28.7 kB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 792-805	URL	Download
WSCAD Universe 792-805	URL	Download
ZUKEN Portal 792-805	URL	Download

CAD data

2D/3D Models 792-805	URL	Download
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Asset Administration Shell

Asset Administration Shell 792-805	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 792-805	URL	Download
Surge suppression module for signal technology; Nominal voltage: 5 VDC; for 2 signal paths with common surge arrester; for interfaces with high baud rate; Two-stage; Width: 6 mm; 2,50 mm ²		

Installation Notes

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