

Data sheet | Item number: 792-800

Surge suppression module for signal technology; Nominal voltage: 24 VDC;
for 2 signal paths with common surge arrester; for unbalanced interfaces;
Two-stage; Width: 6 mm; 2,50 mm²



www.wago.com/792-800



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

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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).

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

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- 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.

Electrical data

Nominal operating voltage	DC 24 V
Highest continuous voltage	AC 23 V / DC 33 V
Nominal current	0.5 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)	≤ 110 V
Protection level (line/protected ground) (cat. C2 at I_N)	≤ 65 V
Protection level (line/line) (cat. C3 at I_N)	≤ 90 V
Protection level (line/protected ground) (cat. C3 at I_N)	≤ 45 V
Limit frequency (line/line)	6 MHz
Limit frequency (line/protected ground)	6 MHz
Impedance	1.8 Ω

Safety and protection

Protection type	IP00; IP20 with end and intermediate plate
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Connection data

Connections (number)	5
Connection technology	CAGE CLAMP®
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

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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
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Material Data

Weight	38.8 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 61643-21
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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	4017332780735
Customs tariff number	85363010900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Subject to changes. Please also observe the further product documentation!



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

Jumpers

Jumper		
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
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

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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
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

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



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

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

End plate

Intermediate plate

Item no.: 859-525

End and intermediate plate; 1 mm thick; gray

www.wago.com/859-525

Marking accessories

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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

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

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

Downloads

Documentation

Bid Text

Item no.	Date	File size	Action
792-800	2019 年2月19 日	xml	Download
X81 - Datei		4.4 kB	

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792-800 doc - Datei	2015 年2月11 日	doc 27.1 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 792-800		URL	Download
WSCAD Universe 792-800		URL	Download
ZUKEN Portal 792-800		URL	Download

CAD data

2D/3D Models 792-800		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 792-800 Surge suppression module for signal technology; Nominal voltage: 24 VDC; for 2 signal paths with common surge arrester; for unbalanced interfaces; Two-stage; Width: 6 mm; 2,50 mm ²		URL	Download
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Installation Notes

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