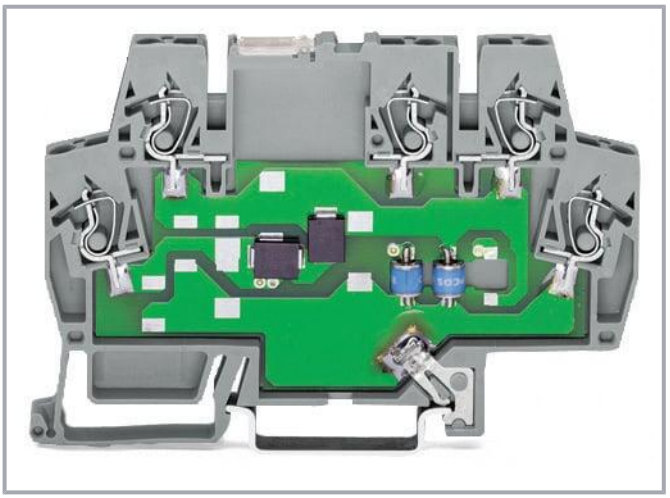
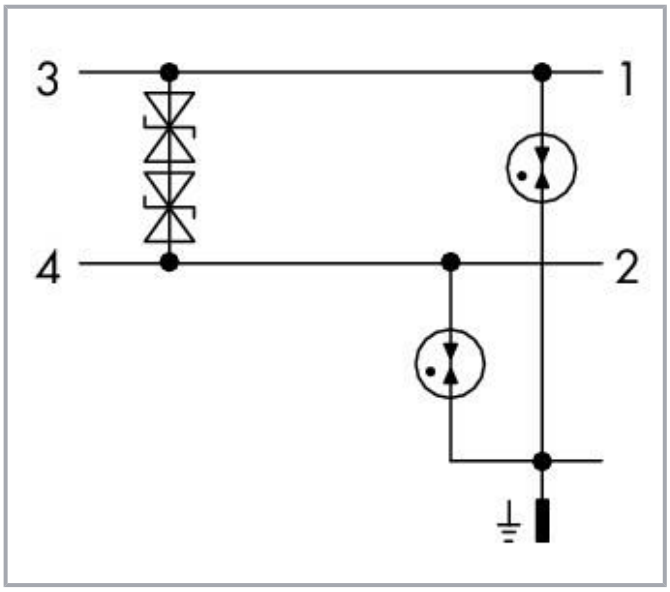
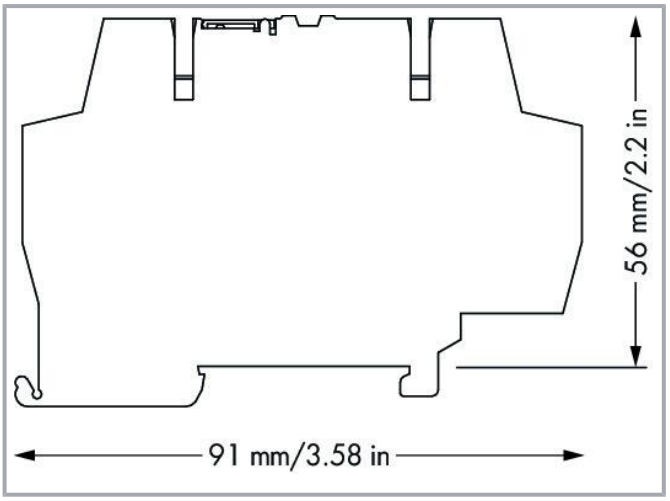
Data sheet | Item number: 792-802

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

www.wago.com/792-802







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).

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

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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.

Electrical data

Nominal operating voltage	DC 24 V
Maximum continuous voltage	AC 23 V / DC 33 V
Nominal current	10 A
Nominal discharge current (8/20 µs) (line)	300 A
Nominal discharge current (8/20 µs) (total)	5 kA
Protection level (line/line) (cat. C2 at I_N)	≤ 50 V
Protection level (line/protected ground) (cat. C2 at I_N)	≤ 750 V
Protection level (line/line) (cat. C3 at I_N)	≤ 45 V
Protection level (line/protected ground) (cat. C3 at I_N)	≤ 650 V
Limit frequency (line/line)	7 MHz

Safety and protection

Protection type	IP00; IP20 with end and intermediate plate

Connection data

Connections (number)	5
Connection technology	CAGE CLAMP®
Solid conductor	0.08 … 2.5 mm² / 28 … 14 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 14 AWG

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Strip length	5 … 6 mm / 0.2 … 0.24 inches

Physical data

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

Mechanical data

Mounting type	DIN-35 rail DIN-35 rail

Material data

Weight	37 g

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

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 9.0	EC000943
ETIM 8.0	EC000943
Recupel Type	
ECCN	NO DATA
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332780759
Customs tariff number	85363010900

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Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078

Declarations of conformity and manufacturer's declarations

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

Optional accessories

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

End plate

Intermediate plate



Item no.: 859-525
End and intermediate plate; 1 mm thick; gray
www.wago.com/859-525

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

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	**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

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
	**Item no.: 859-405/000-029** Jumper; for jumper slot; 5-way; insulated; yellow	www.wago.com/859-405/000-029

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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



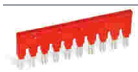
Item no.: 859-405/000-006
Jumper; for jumper slot; 5-way; insulated; blue
www.wago.com/859-405/000-006



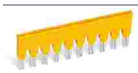
Item no.: 859-406/000-005
Jumper; for jumper slot; 6-way; insulated; red
www.wago.com/859-406/000-005



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



Item no.: 859-403/000-006
Jumper; for jumper slot; 3-way; insulated; blue
www.wago.com/859-403/000-006



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	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
	Item no.: 859-407/000-006 Jumper; for jumper slot; 7-way; insulated; blue	www.wago.com/859-407/000-006

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	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

792-802 X81 - Datei	Feb 19, 2019	xml 4.4 kB	Download
792-802 doc - Datei	Feb 11, 2015	doc 27.1 kB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 Aug 18, 2022	pdf 2.2 MB	Download

CAD/CAE-Data

CAE data

EPLAN Data Portal 792-802	URL	Download
WSCAD Universe 792-802	URL	Download
ZUKEN Portal 792-802	URL	Download

CAD data

2D/3D Models 792-802	URL	Download

Asset Administration Shell

Asset Administration Shell 792-802	URL	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 792-802	URL	Download
Surge suppression module for signal technology; Nominal voltage: 24 VDC; for 2 signal paths with common surge arrester; for supply lines; Single-stage; Width: 6 mm; 2,50 mm²		

Installation Notes

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