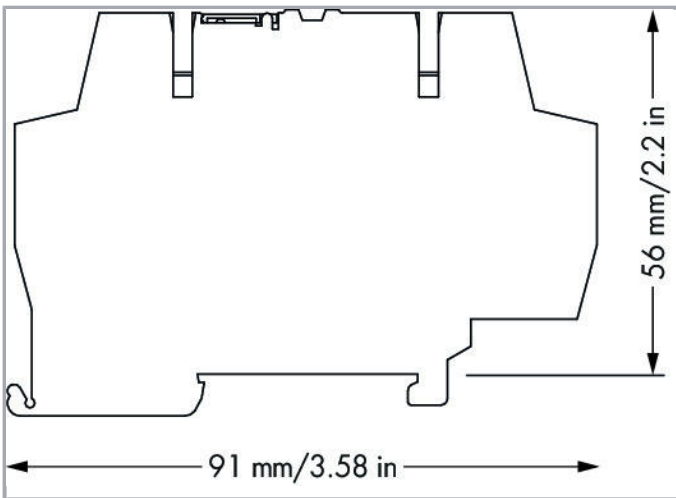
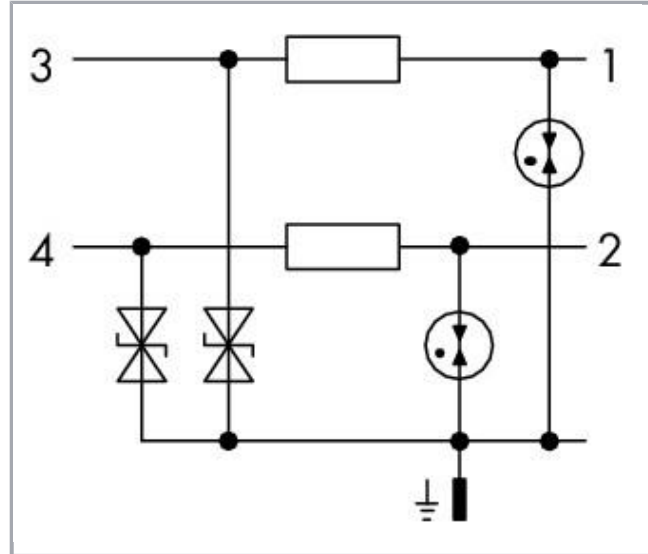
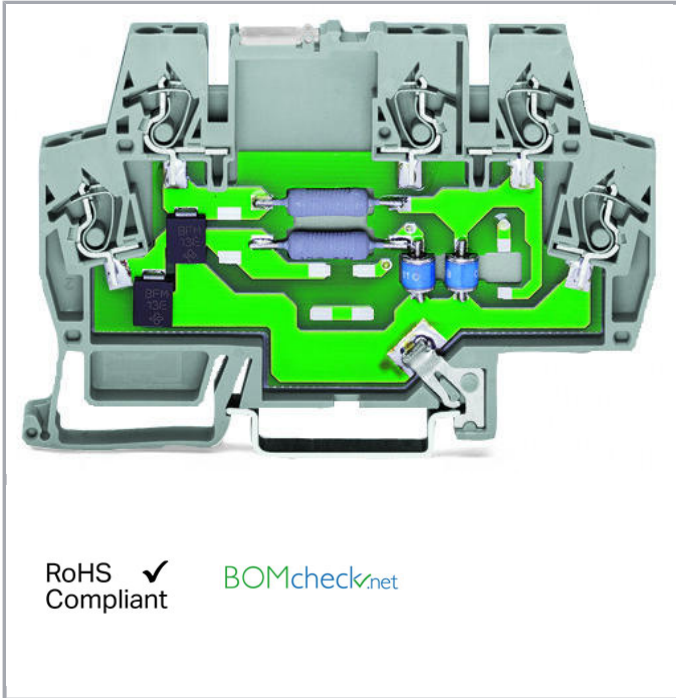


Data sheet | Item number: 792-800

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



Item description

Short description:

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

WAGO Kontakttechnik GmbH & Co. KG
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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
- High operational reliability and system uptime

Note:

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

Data

Electrical data

Nominal operating voltage	DC 24 V
Maximum continuous operating voltage	AC 23 V / DC 33 V
Nominal current	0.5 A
Nominal discharge current (8/20 μ s) per line	5 kA
Nominal discharge current (8/20 μ s) in total	10 kA
Voltage protection level line/line (cat. C2 at I_N)	≤ 65 V
Voltage protection level line/PG (cat. C2 at I_N)	≤ 110 V
Voltage protection level line/line (cat. C3 at I_N)	≤ 90 V
Voltage protection level line/PG (cat. C3 at I_N)	≤ 45 V
Response time line/PG	≤ 1 ns
Limit frequency line/line	6 MHz
Limiting frequency Ader/PG	6 MHz
Impedance	1.8 Ω
Capacity line/line	≤ 5 nF
Capacity line/PG	≤ 1 nF

Safety and protection:

Protection class	IP00
------------------	------

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Degree of protection with end and intermediate plate	IP20
--	------

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 inch

Geometrical Data

Width	6 mm / 0.236 inch
Height from upper-edge of DIN-35 rail	56 mm / 2.205 inch
Depth	91 mm / 3.583 inch

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Weight	38.8 g
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Environmental Requirements

Surrounding air (operating) temperature	-40 ... 80 °C
Surrounding air (storage) temperature	-40 ... 80 °C

Standards and specifications

Standards/specifications	IEC 61643-21
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Commercial data

Product Group	21 (Special Products Electronic)
Packaging type	BOX
Country of origin	DE
GTIN	4017332780735
Customs Tariff No.	85363010900

Counterpart

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Compatible products

Marking accessories

	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.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145/000-002
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-145/000-005
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-145/000-006
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145/000-007
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-145/000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-145/000-023
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-145/000-024
	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
	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.: 248-451 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.: 248-452 Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-452

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

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.: 248-455	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.: 248-501	Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	www.wago.com/248-501
Item no.: 248-501/000-002	Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/248-501/000-002
Item no.: 248-501/000-005	Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/248-501/000-005
	Item no.: 248-501/000-006	www.wago.com/248-501/000-006
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue		
	Item no.: 248-501/000-007	www.wago.com/248-501/000-007
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray		
	Item no.: 248-501/000-012	www.wago.com/248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange		
Item no.: 248-501/000-017	Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/248-501/000-017
Item no.: 248-501/000-023	Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/248-501/000-023
Item no.: 248-501/000-024	Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/248-501/000-024
	Item no.: 248-502/000-024	www.wago.com/248-502/000-024
Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; violet		
	Item no.: 248-503/000-024	www.wago.com/248-503/000-024
Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; violet		

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



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

Item no.: 248-504/000-024

Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; violet

www.wago.com/248-504/000-024

Item no.: 248-505/000-024

Mini-WSB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; violet

www.wago.com/248-505/000-024

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

tools



Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

www.wago.com/210-720

End plate

Item no.: 859-525

End and intermediate plate; 1 mm thick; gray

www.wago.com/859-525

Jumper

Item no.: 859-402

Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-402

Item no.: 859-402/000-005

Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; red

www.wago.com/859-402/000-005

Item no.: 859-402/000-006

Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; blue

www.wago.com/859-402/000-006

Item no.: 859-402/000-029

Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-402/000-029

Item no.: 859-403

Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-403

Item no.: 859-403/000-005

Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; red

www.wago.com/859-403/000-005



Item no.: 859-403/000-006

Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; blue

www.wago.com/859-403/000-006



Item no.: 859-403/000-029

Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; yellow

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

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

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	Item no.: 859-404 Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; light gray	www.wago.com/859-404
	Item no.: 859-404/000-005 Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; red	www.wago.com/859-404/000-005
	Item no.: 859-404/000-006 Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; blue	www.wago.com/859-404/000-006
	Item no.: 859-404/000-029 Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; yellow	www.wago.com/859-404/000-029
	Item no.: 859-405 Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; light gray	www.wago.com/859-405
	Item no.: 859-405/000-005 Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; red	www.wago.com/859-405/000-005
	Item no.: 859-405/000-006 Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; blue	www.wago.com/859-405/000-006
	Item no.: 859-405/000-029 Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; yellow	www.wago.com/859-405/000-029
	Item no.: 859-406 Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; light gray	www.wago.com/859-406
	Item no.: 859-406/000-005 Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; red	www.wago.com/859-406/000-005
	Item no.: 859-406/000-006 Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; blue	www.wago.com/859-406/000-006
	Item no.: 859-406/000-029 Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; yellow	www.wago.com/859-406/000-029
	Item no.: 859-407 Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; light gray	www.wago.com/859-407
	Item no.: 859-407/000-005 Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; red	www.wago.com/859-407/000-005

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



Item no.: 859-407/000-006
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; blue

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



Item no.: 859-407/000-029
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; yellow

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



Item no.: 859-408
Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-408



Item no.: 859-408/000-005
Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; red

www.wago.com/859-408/000-005



Item no.: 859-408/000-006
Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; blue

www.wago.com/859-408/000-006

Item no.: 859-408/000-029
Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-408/000-029

Item no.: 859-409
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-409

Item no.: 859-409/000-005
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; red

www.wago.com/859-409/000-005

Item no.: 859-409/000-006
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; blue

www.wago.com/859-409/000-006



Item no.: 859-409/000-029
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-409/000-029

Item no.: 859-410
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-410

Item no.: 859-410/000-005
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; red

www.wago.com/859-410/000-005

Item no.: 859-410/000-006
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; blue

www.wago.com/859-410/000-006

Item no.: 859-410/000-029
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-410/000-029

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



Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAE data

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

Installation Notes

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