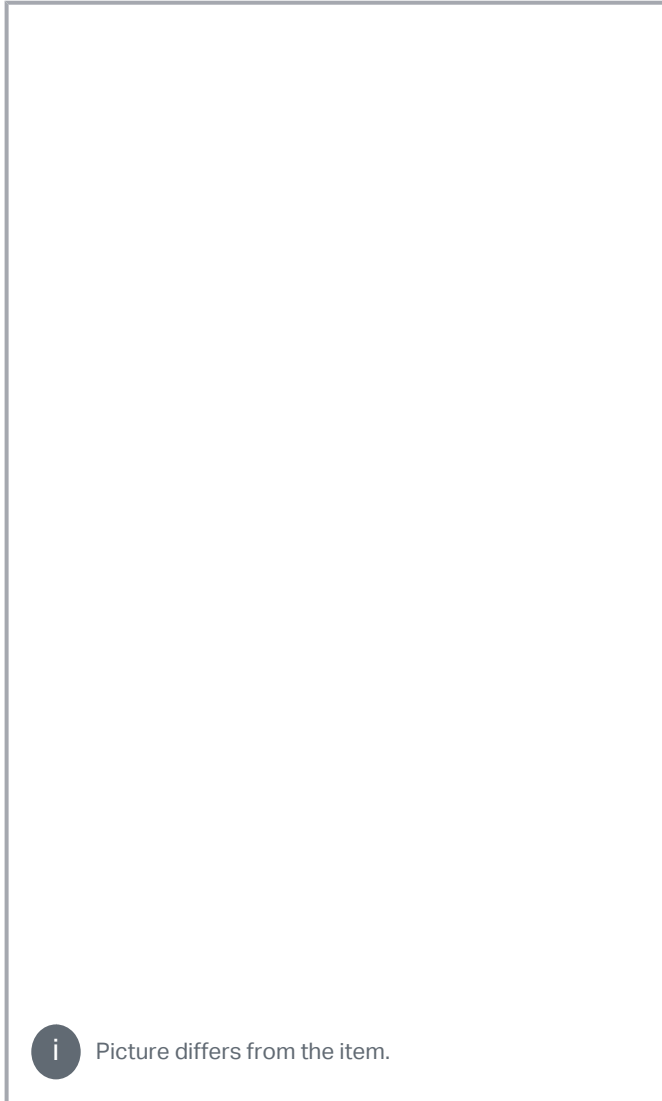


**Data sheet | Item number: 792-805**

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 mm<sup>2</sup>



[www.wago.com/792-805](http://www.wago.com/792-805)



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<sup>®</sup> network, PROFIBUS network, binary signals).

### Features:

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

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



- 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 5 V
Highest continuous voltage	AC 4.2 V / DC 6 V
Nominal current	0.1 A
Nominal discharge current (8/20 $\mu$ s) (line)	5 kA
Nominal discharge current (8/20 $\mu$ s) (total)	10 kA
Protection level (line/line) (cat. C2 at $I_N$ )	$\leq 27$ V
Protection level (line/protected ground) (cat. C2 at $I_N$ )	$\leq 50$ V
Protection level (line/line) (cat. C3 at $I_N$ )	$\leq 14$ V
Protection level (line/protected ground) (cat. C3 at $I_N$ )	$\leq 14$ V
Limit frequency (line/line)	250 MHz
Limit frequency (line/protected ground)	180 MHz
Impedance	1 $\Omega$

## 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 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

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



## 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
--------	------

## 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
--------------------------	-----------------------------

## 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

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

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



## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>EAC</b> 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
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

## Optional accessories

### End plate

Intermediate plate		
	<b>Item no.: 859-525</b> End and intermediate plate; 1 mm thick; gray	<a href="http://www.wago.com/859-525">www.wago.com/859-525</a>

### Marking accessories

Marking device		
	<b>Item no.: 210-110</b> Fiber-tip pen	<a href="http://www.wago.com/210-110">www.wago.com/210-110</a>
Marker		
	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
	<b>Item no.: 248-451</b> Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-451">www.wago.com/248-451</a>
	<b>Item no.: 248-455</b> Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-455">www.wago.com/248-455</a>
	<b>Item no.: 248-450</b> Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-450">www.wago.com/248-450</a>
	<b>Item no.: 248-452</b> Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-452">www.wago.com/248-452</a>
	<b>Item no.: 248-453</b> Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-453">www.wago.com/248-453</a>

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on type; white

**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](http://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](http://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](http://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](http://www.wago.com/248-504)

**Jumpers**

Jumper

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

Jumper; for jumper slot; 4-way; insulated; red [www.wago.com/859-404/000-005](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/859-409/000-029)

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**Item no.: 859-410/000-005**

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

[www.wago.com/859-410/000-005](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/859-409/000-005)

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Item no.: 859-404

Jumper; for jumper slot; 4-way; insulated; light gray

[www.wago.com/859-404](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/859-407)

## 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](http://www.wago.com/210-720)

## Downloads

### Documentation

#### Bid Text

792-805

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

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2D/3D Models 792-805		URL	Download
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**Environmental Product Compliance****Compliance Search**

Environmental Product Compliance 792-805		URL	Download
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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<sup>2</sup>

**Installation Notes**

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