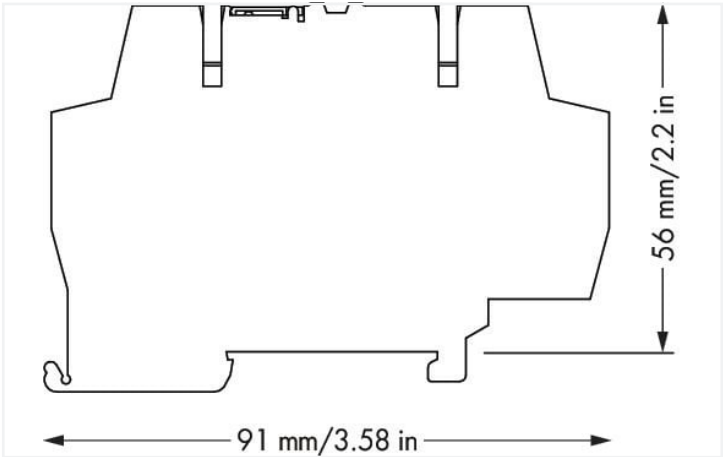
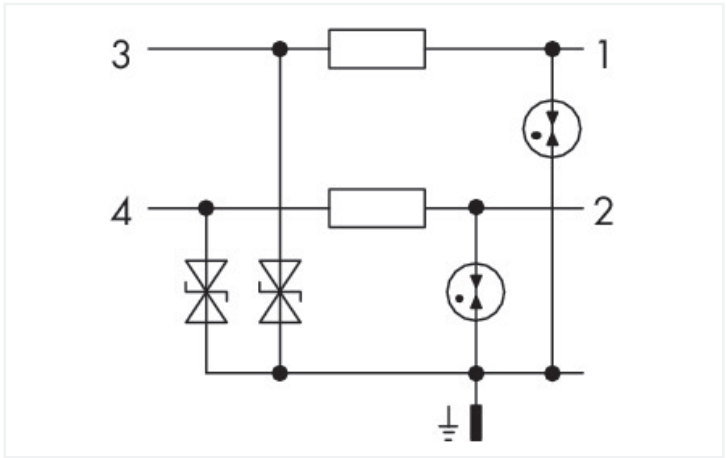
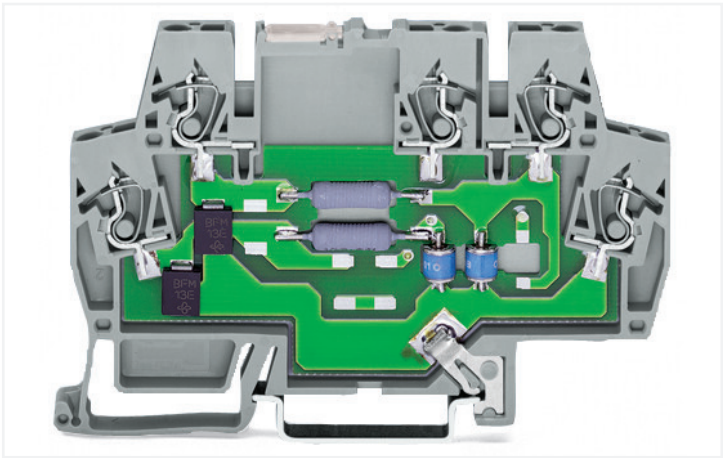


Data Sheet | Item Number: 792-800

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

<https://www.wago.com/792-800>



Dimensions in mm

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
- High operational reliability and system uptime

| 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 | | 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 |
| Response time (line/protected ground) | | ≤ 1 ns |
| Limit frequency (line/line) | | 6 MHz |
| Limit frequency (line/protected ground) | | 6 MHz |
| Impedance | | 1.8 Ω |
| Capacitance (line/line) | | ≤ 5 nF |
| Capacitance (line/protected ground) | | ≤ 1 nF |

| 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 |
| Strip length | | 5 ... 6 mm / 0.2 ... 0.24 inches |

| Physical data | | |
|-----------------------------------|--|---------------------|
| Width | | 6 mm / 0.236 inches |
| Height | | 91 mm / 3.58 inches |
| Depth from upper-edge of DIN-rail | | 56 mm / 2.2 inches |

| Mechanical data | | |
|-----------------|--|-------------|
| Mounting type | | DIN-35 rail |

| Material data | | |
|---------------|--|--------|
| Fire load | | 0 MJ |
| Weight | | 38.8 g |


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




| Standards and specifications | |
|------------------------------|--------------|
| Standards/specifications | 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 |
| 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 |





| Approvals / Certificates | | |
|--|----------------|--|
| General approvals | | Declarations of conformity and manufacturer's declarations |
|  | | |
| Approval | Standard | Certificate Name |
| EAC GZO Almaty Standart | TP TC 004/2011 | EAC CoC 03078 |

| Approval | Standard | Certificate Name |
|---|----------|------------------|
| EU-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |

| Downloads | |
|---|---|
| Environmental Product Compliance | |
| Compliance Search | |
| Environmental Product Compliance 792-800 |  |

| Documentation | | | |
|---------------|------------|-----------------|---|
| Bid Text | | | |
| 792-800 | 19.02.2019 | xml 4.33 KB |  |
| 792-800 | 11.02.2015 | doc 26.50 KB |  |



| CAD/CAE-Data | |
|--|---|
| CAD data | CAE data |
| 2D/3D Models 792-800  | EPLAN Data Portal 792-800  |
| | WSCAD Universe 792-800  |
| | ZUKEN Portal 792-800  |

1 Compatible Products

1.1 Optional Accessories

1.1.1 End plate

1.1.1.1 End plate



[Item No.: 859-525](#)
End and intermediate plate; 1 mm thick; gray

1.1.1.2 Intermediate plate



[Item No.: 859-525](#)
End and intermediate plate; 1 mm thick; gray

1.1.2 Jumper

1.1.2.1 Jumper



[Item No.: 859-410/000-006](#)
Jumper; for jumper slot; 10-way; insulated; blue



[Item No.: 859-410](#)
Jumper; for jumper slot; 10-way; insulated; light gray



[Item No.: 859-410/000-005](#)
Jumper; for jumper slot; 10-way; insulated; red



[Item No.: 859-410/000-029](#)
Jumper; for jumper slot; 10-way; insulated; yellow



[Item No.: 859-402/000-006](#)
Jumper; for jumper slot; 2-way; insulated; blue



[Item No.: 859-402](#)
Jumper; for jumper slot; 2-way; insulated; light gray



[Item No.: 859-402/000-005](#)
Jumper; for jumper slot; 2-way; insulated; red



[Item No.: 859-402/000-029](#)
Jumper; for jumper slot; 2-way; insulated; yellow



[Item No.: 859-403/000-006](#)
Jumper; for jumper slot; 3-way; insulated; blue



[Item No.: 859-403](#)
Jumper; for jumper slot; 3-way; insulated; light gray



[Item No.: 859-403/000-005](#)
Jumper; for jumper slot; 3-way; insulated; red



[Item No.: 859-403/000-029](#)
Jumper; for jumper slot; 3-way; insulated; yellow



[Item No.: 859-404/000-006](#)
Jumper; for jumper slot; 4-way; insulated; blue



[Item No.: 859-404](#)
Jumper; for jumper slot; 4-way; insulated; light gray



[Item No.: 859-404/000-005](#)
Jumper; for jumper slot; 4-way; insulated; red



[Item No.: 859-404/000-029](#)
Jumper; for jumper slot; 4-way; insulated; yellow



1.1.2.1 Jumper



Item No.: 859-406/000-006
Jumper; for jumper slot; 6-way; insulated; blue



Item No.: 859-406
Jumper; for jumper slot; 6-way; insulated; light gray



Item No.: 859-406/000-005
Jumper; for jumper slot; 6-way; insulated; red



Item No.: 859-406/000-029
Jumper; for jumper slot; 6-way; insulated; signal yellow



Item No.: 859-407/000-006
Jumper; for jumper slot; 7-way; insulated; blue



Item No.: 859-407
Jumper; for jumper slot; 7-way; insulated; light gray



Item No.: 859-407/000-005
Jumper; for jumper slot; 7-way; insulated; red



Item No.: 859-407/000-029
Jumper; for jumper slot; 7-way; insulated; yellow



Item No.: 859-408/000-006
Jumper; for jumper slot; 8-way; insulated; blue



Item No.: 859-408
Jumper; for jumper slot; 8-way; insulated; light gray



Item No.: 859-408/000-005
Jumper; for jumper slot; 8-way; insulated; red



Item No.: 859-408/000-029
Jumper; for jumper slot; 8-way; insulated; yellow



Item No.: 859-409/000-006
Jumper; for jumper slot; 9-way; insulated; blue



Item No.: 859-409
Jumper; for jumper slot; 9-way; insulated; light gray



Item No.: 859-409/000-005
Jumper; for jumper slot; 9-way; insulated; red



Item No.: 859-409/000-029
Jumper; for jumper slot; 9-way; insulated; yellow

1.1.3 Marking

1.1.3.1 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



Item No.: 248-566
Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-504
Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-452
Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-450
Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-451
Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-455
Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-453
Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-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



Item No.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.3.2 Marking device



Item No.: 210-110
Fiber-tip pen



1.1.4 Tool

1.1.4.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured