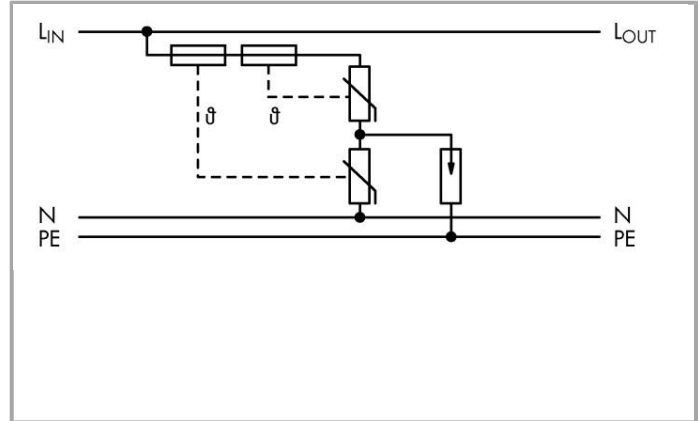


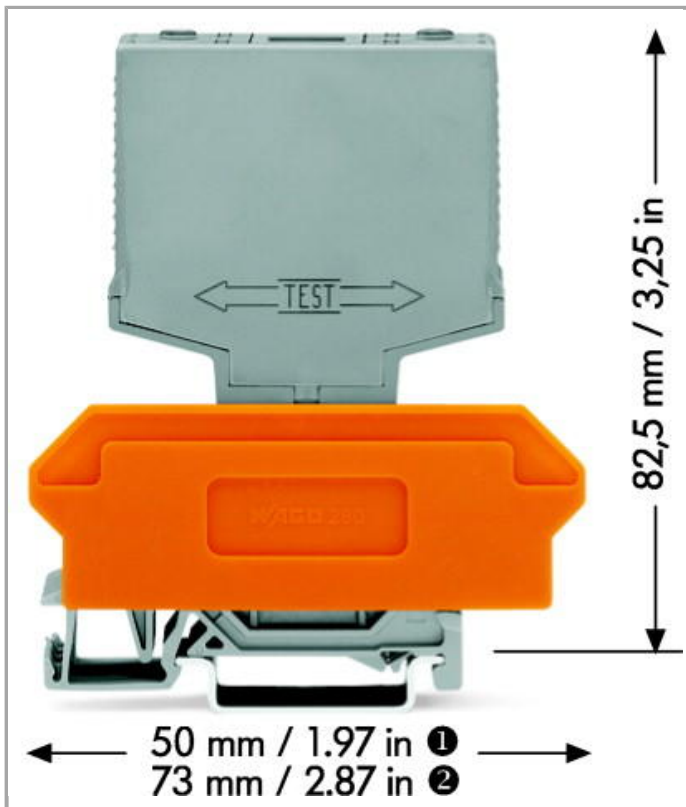
Data sheet | Item number: 286-838

Surge suppression module for signal technology; Nominal voltage: 230 VAC;  
for 2 signal paths with common surge arrester; with visual indicator



[www.wago.com/286-838](http://www.wago.com/286-838)





### Item description

#### Short description:

Two- and three-stage pluggable surge suppression modules (286 Series) for data, measurement, control, or power circuits are also available.

#### 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:

For isolation measurement, the ground contact at the transient suppression module must be disconnected.

### Data

#### Electrical data

Nominal operating voltage	230 VAC
Operating voltage	≤ 300 VAC
Nominal current	10 A
Nominal discharge current line/line	1 kA
Nominal discharge current line/PG	1 kA



Max. surge current line/line	2.5
Max. surge current line/PG	2.5
Voltage protection level line/line	≤ 800 V
Voltage protection level line/PG	≤ 1 kV
Response time line/line	≤ 25 ns
Response time line/PG	≤ 1 ms

### Safety and protection:

Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	3

### Connection data

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	8 ... 9 mm / 0.31 ... 0.35 Inch

### Geometrical Data

Width	17 mm / 0.669 inch
Height from upper-edge of DIN-35 rail	82.5 mm / 3.25 inch
Depth	73 mm / 2.87 inch

### Mechanical data

Type of mounting	DIN-35 rail
Housing design	Pluggable module on terminal blocks

### Material Data

Color	gray
Weight	55.181 g

### Environmental Requirements















Surrounding air (operating) temperature	-25 ... 85 °C
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### Commercial data

Country of origin	DE
GTIN	4050821866459
Customs Tariff No.	85363010900
Product Group	6 (Interface Electronics)

## Compatible products

## Marking accessories

	<b>Item no.: 209-700/209-124</b> WSB marking card; as card; MARKED; F11, ..., F20 (10x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-700/209-124">www.wago.com/209-700/209-124</a>
	<b>Item no.: 209-700/209-125</b> WSB marking card; as card; MARKED; F21, ..., F30 (10x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-700/209-125">www.wago.com/209-700/209-125</a>
	<b>Item no.: 209-700/209-126</b> WSB marking card; as card; MARKED; F31, ..., F40 (10x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-700/209-126">www.wago.com/209-700/209-126</a>
	<b>Item no.: 209-700/209-127</b> WSB marking card; as card; MARKED; not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-700/209-127">www.wago.com/209-700/209-127</a>
	<b>Item no.: 209-701</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701">www.wago.com/209-701</a>
	<b>Item no.: 209-701/000-002</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701/000-002">www.wago.com/209-701/000-002</a>
	<b>Item no.: 209-701/000-005</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701/000-005">www.wago.com/209-701/000-005</a>
	<b>Item no.: 209-701/000-006</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701/000-006">www.wago.com/209-701/000-006</a>
	<b>Item no.: 209-701/000-007</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701/000-007">www.wago.com/209-701/000-007</a>
	<b>Item no.: 209-701/000-012</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701/000-012">www.wago.com/209-701/000-012</a>
	<b>Item no.: 209-701/000-017</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701/000-017">www.wago.com/209-701/000-017</a>
	<b>Item no.: 209-701/000-023</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701/000-023">www.wago.com/209-701/000-023</a>
	<b>Item no.: 209-701/000-024</b> WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/209-701/000-024">www.wago.com/209-701/000-024</a>
	<b>Item no.: 209-702</b> WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-702">www.wago.com/209-702</a>

	<b>Item no.: 209-703</b> WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-703">www.wago.com/209-703</a>
	<b>Item no.: 209-704</b> WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-704">www.wago.com/209-704</a>
	<b>Item no.: 209-705</b> WSB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-705">www.wago.com/209-705</a>
	<b>Item no.: 209-706</b> WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-706">www.wago.com/209-706</a>
	<b>Item no.: 209-707</b> WSB marking card; as card; MARKED; 51 ... 100 (2x); not stretchable; Vertical marking; snap-on type	<a href="http://www.wago.com/209-707">www.wago.com/209-707</a>

## Downloads

### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	Download
		265.8 kB

## smartDATA

### CAD data

3D Download 286-838	URL	Download
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Subject to changes.