

Power solid-state relays

Switch high AC loads up to 75 A completely wear-free and noiseless

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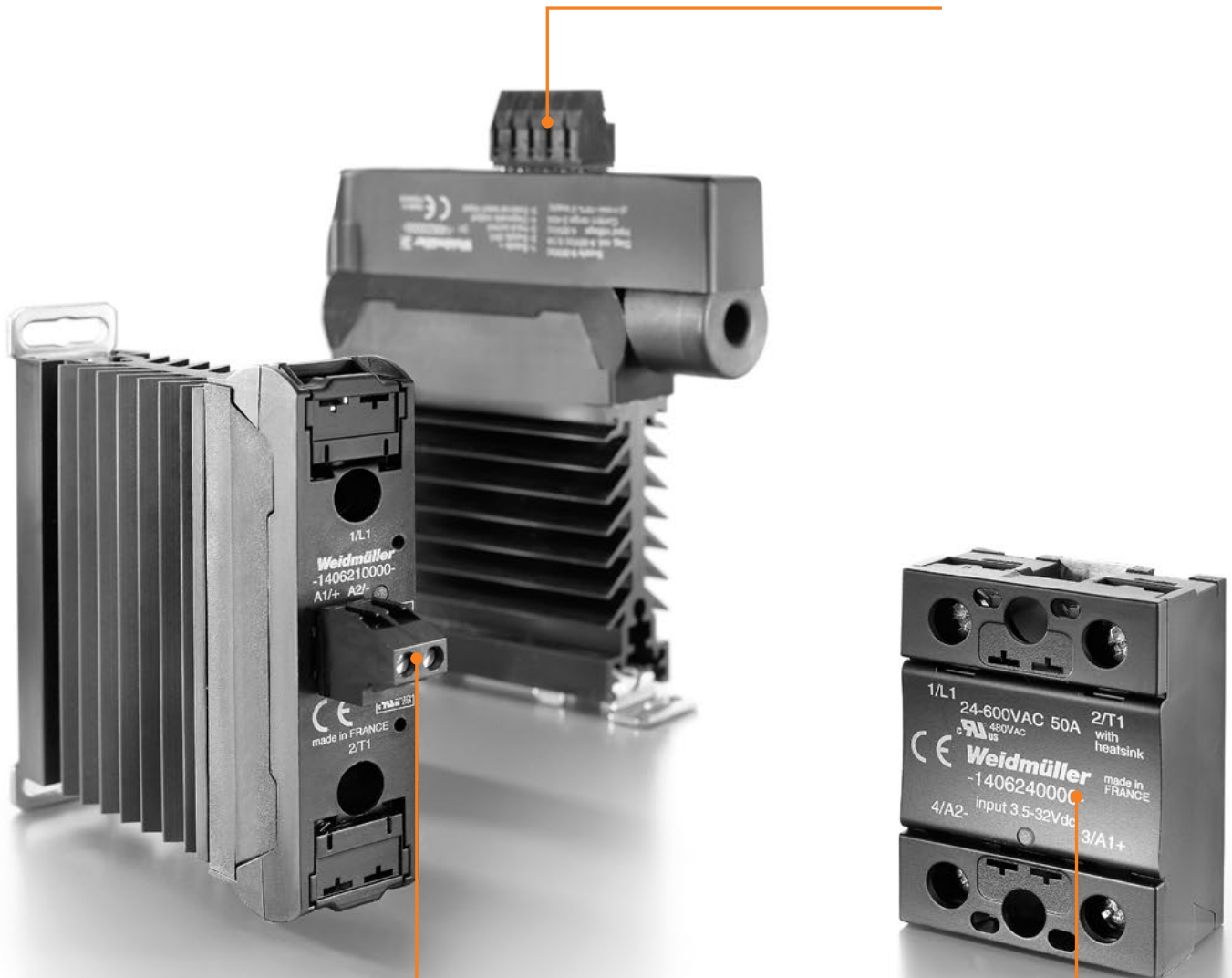
Due to their high shock and vibration resistance, the large switching current and the option of simple fusing, our power solid-state relays outperform by far any electromagnetic relays, especially in the process industry.

The compact modules need just a low control power at the input, have fast response times and operate noiseless. The optional 1PH-Control-Unit allows the current monitoring of up to five parallel connected loads.

Our new power solid state relays are ideally suited for a multitude of diverse tasks: switching of pipe heaters and infrared heaters, or permanent current monitoring.

Simple current monitoring

The optional, plug-on monitoring module warns when current drops by 16 % or more. Short-circuit, line-break and defective loads are detected.

**High current load integral**

The high current load integral I^2t of 6,000 A²s allows affordable device protection using standard circuit breakers for variants with 35 A load current.

High output current

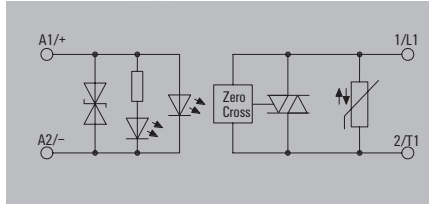
Ideal for controlling pipe heaters due to the high output current of 50 or 75 A. The compact design allows directing mounting at application site.

Power – Power solid-state relays

PSSR - 1-phase

- Single-phase load circuit: 12-275 V AC / 25 A
- Ready-to-use: snap on - connect - ready
- Zero-cross switch
- Noiseless, wear-free switching
- Attachable monitoring module

PSSR 24 V DC / 1 PH AC 25 A



Technical data

Control side

Rated control voltage	3.5...32 V DC
Power rating	< 500 mW
Pull-in/drop-out voltage, typ.	3 V / 2 V DC
Input frequency	10 Hz
Status indicator	LED yellow
Protective circuit	Suppressor diode

Load side

Solid-state type	Triac (zero-cross switch)
Rated switching voltage	12...275 V AC
Continuous current	17 A (AC51) at 40 °C, 3.5 A (AC 53)
Min. switching current	5 mA
Max. switching current	25 A
Voltage drop at max. load	≤1.25 V
Leakage current	≤ 1 mA
Short-circuit-proof / Protective circuit, load side	No / Varistor
Switch-on delay / Switch-off delay	≤ 10 ms / ≤ 10 ms
Output voltage frequency range	50...60 Hz
Pulse load, max. current	250 A (10 ms), non-recurrent
Load category	AC 51, AC 53
Load limit integral (I²t) <10 ms	340 A²s

General data

Ambient temperature (operational)	-55 °C...100 °C
Storage temperature	-55 °C...125 °C
Humidity	40...85 % (indoor) no condensation
Approvals	CE: cURus; EAC
Standards	EN 60947-4-3, EN 60950, IEC 60335-1

Insulation coordinates

Impulse withstand voltage	4 kV (1.2/50 µs)
Clearance and creepage distances for control side - load side	≥ 6,5 mm
Overvoltage category	III
Pollution degree	2

Dimensions

Clamping range (rated / min. / max.) control side	mm²	1.5 / 0.13 / 3.3
Clamping range (rated / min. / max.) load side	mm²	6 / 1.5 / 6
Depth x width x height	mm	115.9 / 22.5 / 98

Note

Ordering data

Screw connection

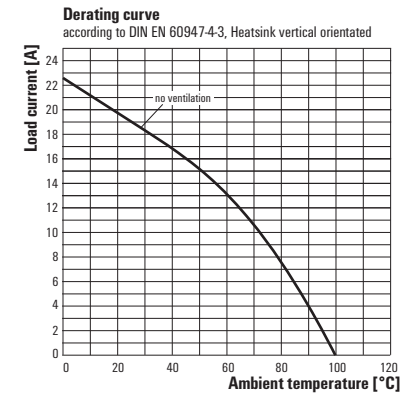
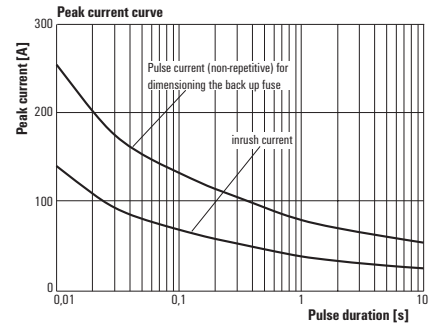
Type	Qty.	Order No.
PSSR 24VDC/1PH AC 25A	1	1406200000

Note

Accessories and dimensioned drawings: refer to the Power Solid-state Relay Accessories page.

Accessories

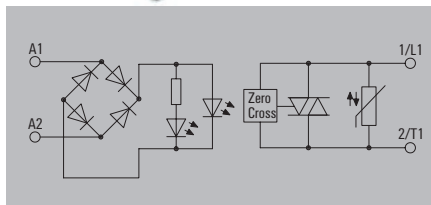
Note



PSSR - 1-phase

- Single-phase load circuit: 12-275 V AC / 25 A
- Ready-to-use: snap on - connect - ready
- Zero-cross switch
- Noiseless, wear-free switching
- Attachable monitoring module

PSSR 230 V AC / 1 PH AC 25 A



Technical data

Control side

Rated control voltage	160...240 V AC/DC
Power rating	≤ 1.38 VA
Pull-in/drop-out voltage, typ.	160 V / 5 V AC 160 V / 5 V DC
Input frequency	10 Hz
Status indicator	LED yellow
Protective circuit	Rectifier

Load side

Solid-state type	Triac (zero-cross switch)
Rated switching voltage	12...275 V AC
Continuous current	17 A (AC51) at 40 °C, 3.5 A (AC 53)
Min. switching current	5 mA
Max. switching current	25 A
Voltage drop at max. load	≤ 1.25 V
Leakage current	≤ 1 mA
Short-circuit-proof / Protective circuit, load side	No / Varistor
Switch-on delay / Switch-off delay	≤ 30 ms / ≤ 30 ms
Output voltage frequency range	50...60 Hz
Pulse load, max. current	250 A (10 ms), non-recurrent
Load category	AC 51, AC 53
Load limit integral (I²t) <10 ms	340 A²s

General data

Ambient temperature (operational)	-55 °C...100 °C
Storage temperature	-55 °C...125 °C
Humidity	40...85 % (indoor) no condensation
Approvals	CE; cURus; EAC
Standards	EN 60947-4-3, EN 60950, IEC 60335-1

Insulation coordinates

Impulse withstand voltage	4 kV (1.2/50 µs)
Clearance and creepage distances for control side - load side	≥ 6,5 mm
Overvoltage category	III
Pollution degree	2

Dimensions

Clamping range (rated / min. / max.) control side	mm²	1.5 / 0.13 / 3.3
Clamping range (rated / min. / max.) load side	mm²	6 / 1.5 / 6
Depth x width x height	mm	115.9 / 22.5 / 98

Note

Ordering data

Screw connection

Note

Accessories

Note

Control side

Rated control voltage	160...240 V AC/DC
Power rating	≤ 1.38 VA
Pull-in/drop-out voltage, typ.	160 V / 5 V AC 160 V / 5 V DC
Input frequency	10 Hz
Status indicator	LED yellow
Protective circuit	Rectifier

Load side

Solid-state type	Triac (zero-cross switch)
Rated switching voltage	12...275 V AC
Continuous current	17 A (AC51) at 40 °C, 3.5 A (AC 53)
Min. switching current	5 mA
Max. switching current	25 A
Voltage drop at max. load	≤ 1.25 V
Leakage current	≤ 1 mA
Short-circuit-proof / Protective circuit, load side	No / Varistor
Switch-on delay / Switch-off delay	≤ 30 ms / ≤ 30 ms
Output voltage frequency range	50...60 Hz
Pulse load, max. current	250 A (10 ms), non-recurrent
Load category	AC 51, AC 53
Load limit integral (I²t) <10 ms	340 A²s

General data

Ambient temperature (operational)	-55 °C...100 °C
Storage temperature	-55 °C...125 °C
Humidity	40...85 % (indoor) no condensation
Approvals	CE; cURus; EAC
Standards	EN 60947-4-3, EN 60950, IEC 60335-1

Insulation coordinates

Impulse withstand voltage	4 kV (1.2/50 µs)
Clearance and creepage distances for control side - load side	≥ 6,5 mm
Overvoltage category	III
Pollution degree	2

Dimensions

Clamping range (rated / min. / max.) control side	mm²	1.5 / 0.13 / 3.3
Clamping range (rated / min. / max.) load side	mm²	6 / 1.5 / 6
Depth x width x height	mm	115.9 / 22.5 / 98

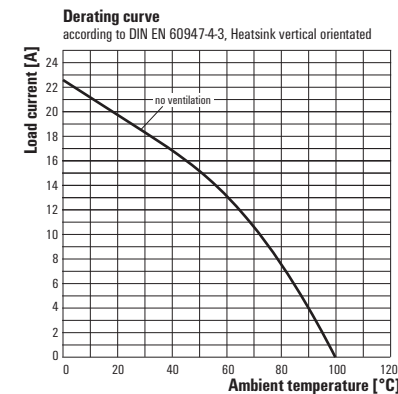
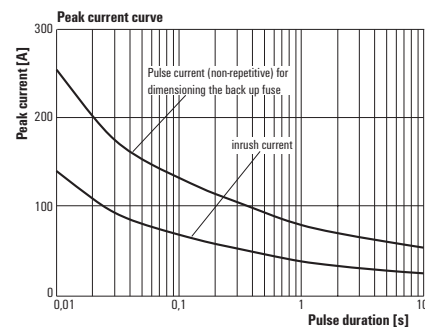
Note

Type	Qty.	Order No.
PSSR 230VAC/1PH AC 25A	1	1406220000

Note

Accessories

Note

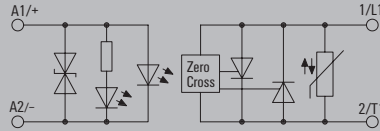


Power – Power solid-state relays

PSSR - 1-phase

- Single-phase load circuit: 24–510 V AC / 35 A
- Ready-to-use: snap on - connect - ready
- Zero-cross switch
- Noiseless, wear-free switching
- Attachable monitoring module
- High capacity for handling surge currents
- $I^2t = 6000 \text{ A}^2\text{s}$ (10 ms)
- Fusing with B circuit breaker possible

PSSR 24 V DC / 1 PH AC 35 A



Technical data

Control side

Rated control voltage
Power rating
Pull-in/drop-out voltage, typ.
Input frequency
Status indicator
Protective circuit

Load side

Solid-state type
Rated switching voltage
Continuous current
Min. switching current
Max. switching current
Voltage drop at max. load
Leakage current
Short-circuit-proof / Protective circuit, load side
Switch-on delay / Switch-off delay
Output voltage frequency range
Pulse load, max. current
Load category
Load limit integral (I^2t) <10 ms

General data

Ambient temperature (operational)
Storage temperature
Humidity
Approvals
Standards

Insulation coordinates

Impulse withstand voltage
Clearance and creepage distances for control side - load side
Overvoltage category
Pollution degree

Dimensions

Clamping range (rated / min. / max.) control side	mm ²
Clamping range (rated / min. / max.) load side	mm ²
Depth x width x height	mm

Note

3.5...32 V DC
≤ 280 mW
3 V / 2 V DC
10 Hz
LED yellow
Suppressor diode

Thyristor (zero-cross switch)
24...510 V AC
23 A (AC51) at 40 °C, 12 A (AC 53)
5 mA
50 A
≤ 1.35 V
≤ 1 mA
No / Varistor
≤ 10 ms / ≤ 10 ms
50...60 Hz
1100 A (10 ms), non-recurrent
AC 51, AC 53
6000 A ² s

-55 °C...100 °C
-55 °C...125 °C
40...85 % (indoor) no condensation
CE: cURus; EAC
EN 60947-4-3, EN 60950, IEC 60335-1

4 kV (1.2/50 µs)
≥ 6,5 mm
III
2

1.5 / 0.13 / 3.3
6 / 1.5 / 6
115.9 / 22.5 / 98

Ordering data

Screw connection

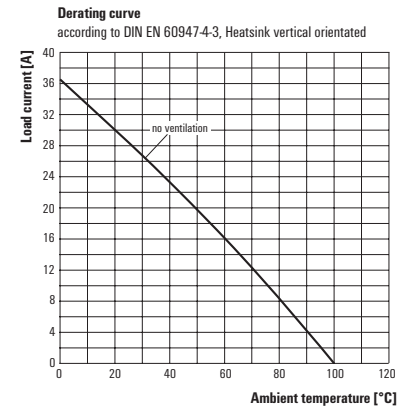
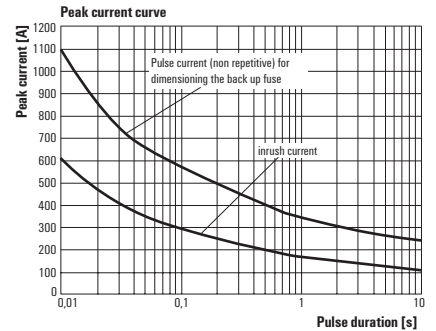
Type	Qty.	Order No.
PSSR 24VDC/1PH AC 35A	1	1406210000

Note

Accessories and dimensioned drawings: refer to the Power Solid-state Relay Accessories page.

Accessories

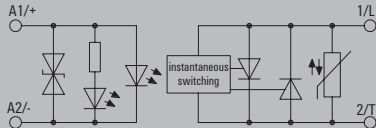
Note



PSSR - 1-phase

- Load circuit 1-phase 24...510 V AC, 22 A at 40°C ambient temperature
- Ready-to-use: snap on-connect-ready
- Instantaneous-switching output
- Wear-free & silent switching
- Plug-in monitoring module

PSSR 24 V DC / 1 PH AC 22 A I



Technical data

Control side

Rated control voltage
 Power rating
 Pull-in/drop-out voltage, typ.
 Input frequency
 Status indicator
 Protective circuit

Load side

Solid-state type
 Rated switching voltage
 Continuous current
 Min. switching current
 Max. switching current
 Voltage drop at max. load
 Leakage current
 Short-circuit-proof / Protective circuit, load side
 Switch-on delay / Switch-off delay
 Output voltage frequency range
 Pulse load, max. current
 Load category
 Load limit integral (I²t) <10 ms

General data

Ambient temperature (operational)
 Storage temperature
 Humidity
 Approvals
 Standards

Insulation coordinates

Impulse withstand voltage
 Clearance and creepage distances for control side - load side
 Overvoltage category
 Pollution degree

Dimensions

Clamping range (rated / min. / max.) control side mm²
 Clamping range (rated / min. / max.) load side mm²
 Depth x width x height mm

Note

3.5...32 V DC
 < 500 mW
 3 V / 2 V DC
 10 Hz
 LED yellow
 Suppressor diode

Thyristor (instantaneous-switching)
 24...510 V AC
 22 A (AC51) at 40 °C, 7 A (AC 53)
 5 mA
 50 A
 ≤1.25 V

≤1 mA
 No / Varistor
 ≤0,1 ms / ≤10 ms

50...60 Hz
 530 A (10 ms), non-recurrent
 AC 51, AC 53
 1400 A²s

-55 °C...100 °C
 -55 °C...125 °C
 40...85 % (indoor) no condensation
 CE, EAC

4 kV (1.2/50 µs)
 ≥ 3.2 mm
 III
 2

1.5 / 0.13 / 3.3
 6 / 1.5 / 6
 115.4 / 22.5 / 98

Ordering data

Screw connection

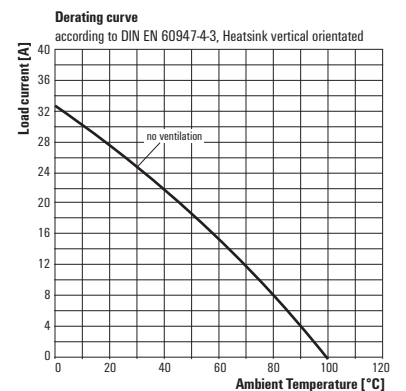
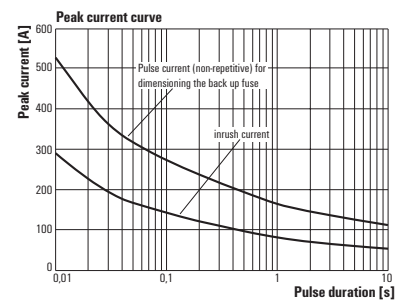
Type	Qty.	Order No.
PSSR 24VDC/1PH AC 22A I	1	2531050000

Note

Accessories and dimensioned drawings: refer to the Power Solid-state Relay Accessories page.

Accessories

Note

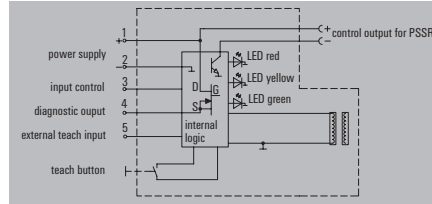


Power – Power solid-state relays

PSSR control unit

- Monitoring of up to 5 consumers connected in parallel
- Can be attached to the single-phase PSSRs
- Error message feedback output
- Undercurrent switching threshold: $0.84 \times I_{\text{setting}}$
- Teach button on the module and external teach input

PSSR 1 PH CONTROL UNIT



Technical data

Control side	
Rated control voltage	4...30 V DC
Rated control current	≤ 2.5 mA
Pull-in/drop-out voltage, typ.	2 V DC
Rated control voltage (external teach input)	4...30 V DC
Nominal control current (external teach input)	≤ 2.5 mA
Supply	
Voltage supply	8...30 V DC
Current consumption	≤ 20 mA (feedback output unloaded), ≤ 120 mA (switched feedback output max. loaded)
Feedback output	
Solid-state type	MOS-FET
Nominal switching voltage	8...30 V DC
Continuous current	0.1 A
Undercurrent switching threshold	$0.84 \times I_{\text{setting}}$
Current measurement range AC, min.	2 A
Current measurement range AC, max.	40 A
Switch-on delay	≤ 100 ms
Switch-off delay	≤ 100 ms
Control output to the PSSR	
Nominal switching voltage	8...30 V DC
Solid-state type	Transistor
Switch-on delay	≤ 15 ms
Switch-off delay	≤ 16 ms
General data	
Ambient temperature (operational)	-40 °C...80 °C
Storage temperature	-40 °C...125 °C
Humidity	40...85 % (indoor) no condensation
Current sensor hole diameter	9 mm
Approvals	CE, EAC
Standards	EN 60947-4-3, EN 60950
Insulation coordinates	
Impulse withstand voltage	
Clearance and creepage distances for control side - load side	
Overvoltage category	III
Dimensions	
Clamping range (nominal / min. / max.)	mm ²
Depth x width x height	mm
Note	

Technical data		
Rated control voltage	4...30 V DC	
Rated control current	≤ 2.5 mA	
Pull-in/drop-out voltage, typ.	2 V DC	
Rated control voltage (external teach input)	4...30 V DC	
Nominal control current (external teach input)	≤ 2.5 mA	
Supply		
Voltage supply	8...30 V DC	
Current consumption	≤ 20 mA (feedback output unloaded), ≤ 120 mA (switched feedback output max. loaded)	
Feedback output		
Solid-state type	MOS-FET	
Nominal switching voltage	8...30 V DC	
Continuous current	0.1 A	
Undercurrent switching threshold	$0.84 \times I_{\text{setting}}$	
Current measurement range AC, min.	2 A	
Current measurement range AC, max.	40 A	
Switch-on delay	≤ 100 ms	
Switch-off delay	≤ 100 ms	
Control output to the PSSR		
Nominal switching voltage	8...30 V DC	
Solid-state type	Transistor	
Switch-on delay	≤ 15 ms	
Switch-off delay	≤ 16 ms	
General data		
Ambient temperature (operational)	-40 °C...80 °C	
Storage temperature	-40 °C...125 °C	
Humidity	40...85 % (indoor) no condensation	
Current sensor hole diameter	9 mm	
Approvals	CE, EAC	
Standards	EN 60947-4-3, EN 60950	
Insulation coordinates		
Impulse withstand voltage		
Clearance and creepage distances for control side - load side		
Overvoltage category	III	
Screw connection		
Clamping range (nominal / min. / max.)	mm ²	
Depth x width x height	mm	
Note		

Ordering data

Screw connection

Type	Qty.	Order No.
PSSR 1PH CONTROL UNIT	1	1406230000

Note

Accessories and dimensioned drawings: refer to the Power Solid-state Relay Accessories page.

Accessories

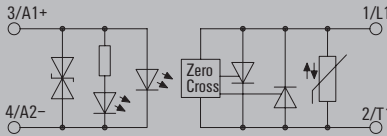
Note

Note

PSSR - 1-phase

- Single-phase load circuit: 24–600 V AC / 50 A
- Compact design
- Zero-cross switch
- Noiseless, wear-free switching

PSSR 24 V DC / 1 PH AC 50 A HP



Technical data

Control side

- Rated control voltage
- Power rating
- Pull-in/drop-out voltage, typ.
- Input frequency
- Status indicator
- Protective circuit

Load side

- Solid-state type
- Rated switching voltage
- Continuous current
- Min. switching current
- Max. switching current
- Voltage drop at max. load
- Leakage current
- Short-circuit-proof / Protective circuit, load side
- Switch-on delay / Switch-off delay
- Output voltage frequency range
- Pulse load, max. current
- Load category
- Load limit integral (I²t) <10 ms

General data

- Ambient temperature (operational)
- Storage temperature
- Humidity
- Approvals
- Standards

Insulation coordinates

- Impulse withstand voltage
- Clearance and creepage distances for control side - load side
- Overvoltage category
- Pollution degree

Dimensions

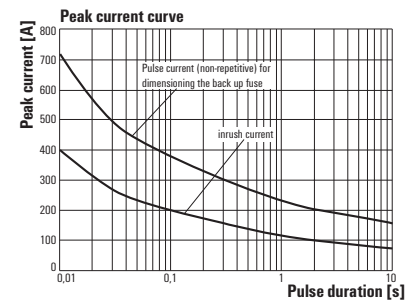
- Clamping range (rated / min. / max.) control side mm²
- Clamping range (rated / min. / max.) load side mm²
- Depth x width x height mm

Note

Ordering data

Screw connection

3.5...32 V DC
≤ 280 mW
3 V / 2 V DC
10 Hz
Green LED
Suppressor diode
Thyristor (zero-cross switch)
24...600 V AC
52 A (AC51) at 40 °C, mounted on heatsink with 0.75 K/W
5 mA
60 A
≤ 1.35 V
≤ 1 mA
No / Varistor
≤ 10 ms / ≤ 10 ms
50 / 60 Hz
700 A (10 ms), non-recurrent
AC 51
2450 A ² s
-55 °C...100 °C
-55 °C...125 °C
40...85 % (indoor) no condensation
CE: cURus; EAC
EN 60947-4-3, EN 60950, IEC 60335-1
4 kV (1.2/50 µs)
≥ 8 mm
III
2



Type	Qty.	Order No.
PSSR 24VDC/1PH AC50A HP	2	1406240000

Note

Accessories and dimensioned drawings: refer to the Power Solid-state Relay Accessories page.

Accessories

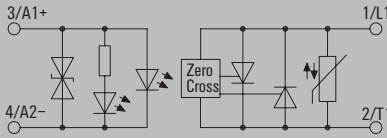
Note

Power – Power solid-state relays

PSSR - 1-phase

- Single-phase load circuit: 24–600 V AC / 75 A
- Compact design
- Zero-cross switch
- Noiseless, wear-free switching
- High capacity for handling surge currents
 $I^2t = 6000 \text{ A}^2\text{s}$ (10 ms)
- Fusing with B circuit breaker possible

PSSR 24 V DC / 1 PH AC 75 A HP



Technical data

Control side	
Rated control voltage	3.5...32 V DC
Power rating	≤ 280 mW
Pull-in/drop-out voltage, typ.	3 V / 2 V DC
Input frequency	10 Hz
Status indicator	Green LED
Protective circuit	Suppressor diode
Load side	
Solid-state type	Thyristor (zero-cross switch)
Rated switching voltage	24...600 V AC
Continuous current	62 A (AC51) at 40 °C, mounted on heatsink with 0.75 K/W
Min. switching current	5 mA
Max. switching current	90 A
Voltage drop at max. load	≤ 1.4 V
Leakage current	≤ 1 mA
Short-circuit-proof / Protective circuit, load side	No / Varistor
Switch-on delay / Switch-off delay	≤ 10 ms / ≤ 10 ms
Output voltage frequency range	50 / 60 Hz
Pulse load, max. current	1100 A (10 ms), non-recurrent
Load category	AC 51
Load limit integral (I^2t) <10 ms	6000 A ² s
General data	
Ambient temperature (operational)	-55 °C...100 °C
Storage temperature	-55 °C...125 °C
Humidity	40...85 % (indoor) no condensation
Approvals	CE: cURus; EAC
Standards	EN 60947-4-3, EN 60950, IEC 60335-1
Insulation coordinates	
Impulse withstand voltage	4 kV (1.2/50 μs)
Clearance and creepage distances for control side - load side	≥ 8 mm
Overvoltage category	III
Pollution degree	2

Dimensions	
Clamping range (rated / min. / max.) control side	mm ² 1.5 / 0.75 / 2.5
Clamping range (rated / min. / max.) load side	mm ² 10 / 1.5 / 10
Depth x width x height	mm 29 / 45 / 58.5
Note	

Ordering data

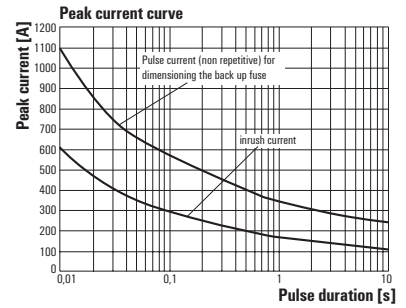
Screw connection

Type	Qty.	Order No.
PSSR 24VDC/1PH AC75A HP	2	1406250000

Note Accessories and dimensioned drawings: refer to the Power Solid-state Relay Accessories page.

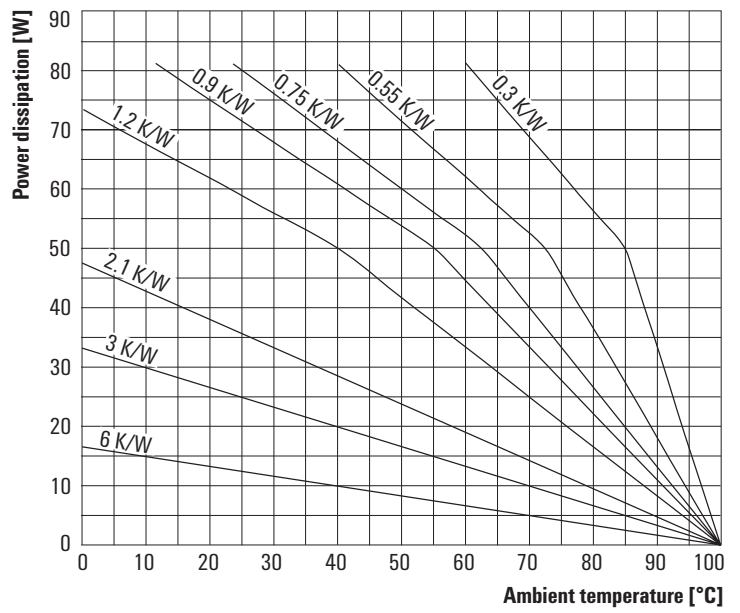
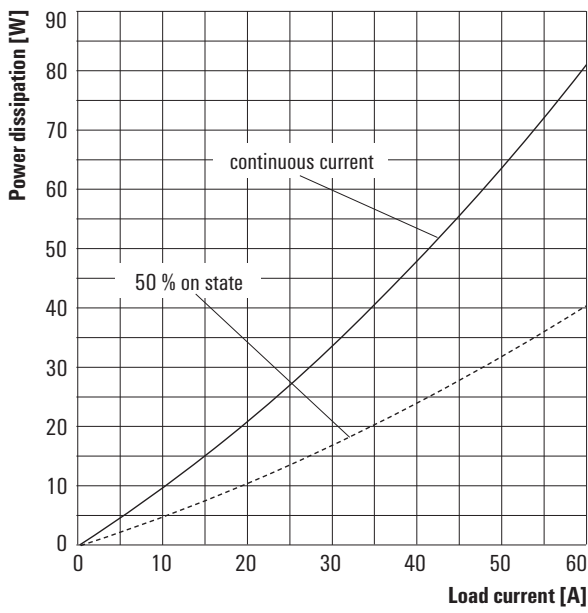
Accessories

Note

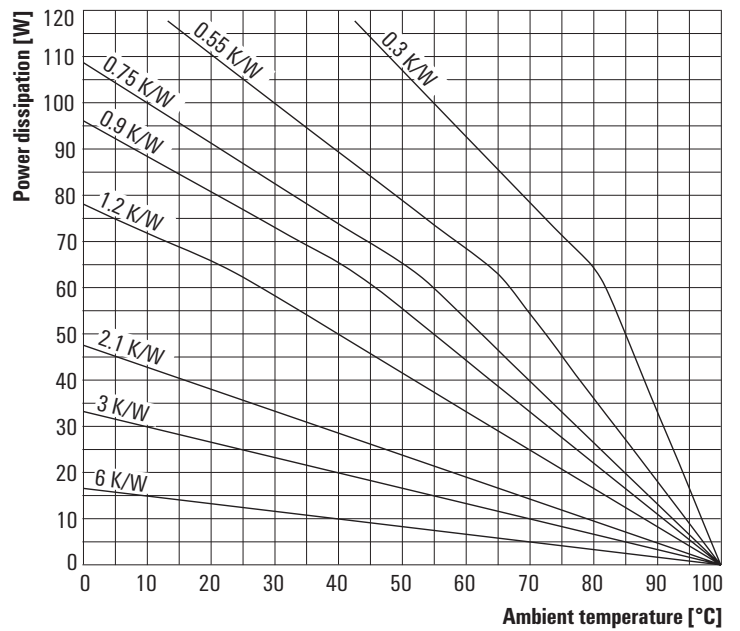
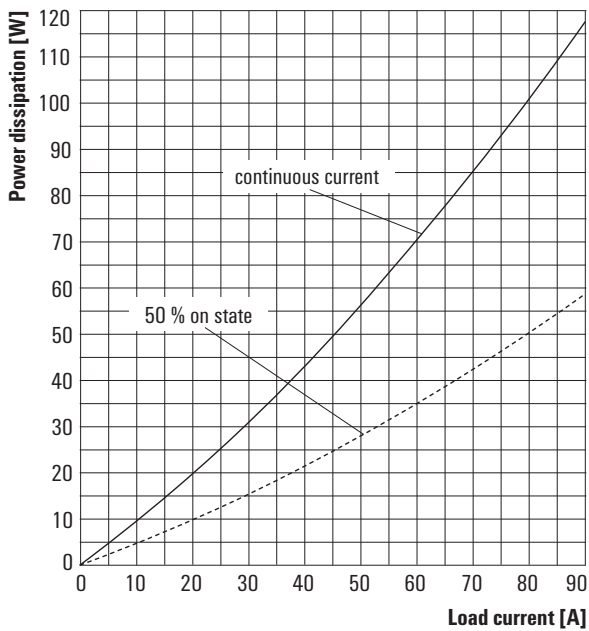


Power dissipation and heat sink selection

Order No. 1406240000



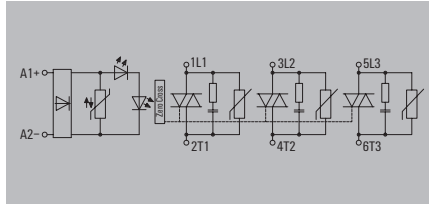
Order No. 1406250000



PSSR - 3-phase

- Three-phase charging circuit: 24...520 V AC / 20 A at 55 °C
- Ready-to-use: snap on - connect - ready
- Zero-cross switch
- Wear-free and noiseless switching

PSSR 24 V DC / 3 PH AC 20 A



Technical data

Control side

Rated control voltage	8...30 V DC / 10...30 V AC
Power rating	0.1...2 W
Pull-in/drop-out voltage, typ.	10 V / 4 V AC 8 V / 4 V DC
Input frequency	10 Hz
Status indicator	Green LED
Protective circuit	RC element, Varistor

Load side

Solid-state type	Triac (zero-cross switch)
Rated switching voltage	24...520 V AC
Continuous current	20 A @ 55 °C, 12 A (AC 53)
Min. switching current	5 mA
Max. switching current	
Voltage drop at max. load	1.4 V
Leakage current	< 1 mA
Short-circuit-proof / Protective circuit	No / RC element, Varistor
Switch-on delay / Switch-off delay	30 ms / 30 ms
Output voltage frequency range	50 / 60 Hz
Pulse load, max. current / Cartridge fuse	300 A (10 ms), non-recurrent /
Load category	AC 53: 3 x 12 A
Load limit integral (I²t) <10 ms	1500 A²s

General data

Ambient temperature (operational)	-40 °C...80 °C
Storage temperature	-40 °C...100 °C
Humidity	40...85 % (indoor) no condensation
Approvals	CE; cURus; EAC
Standards	DIN EN 60950, IEC 60947-4-3

Insulation coordination

Rated voltage	
Impulse withstand voltage	4 kV (1.2/50 µs)
Clearance and creepage distances for control side - load side	≥ 6.4 mm
Overvoltage category	III
Pollution degree	2

Dimensions

Clamping range (rated / min. / max.) control side	mm²	1.5 / 0.75 / 2.5
Clamping range (rated / min. / max.) load side	mm²	10 / 10 / 1.5
Depth x width x height	mm	126.2 / 89.6 / 98

Note

Ordering data

Screw connection

Type	Qty.	Order No.
PSSR 24VDC/3PH AC 20A	1	8952130000

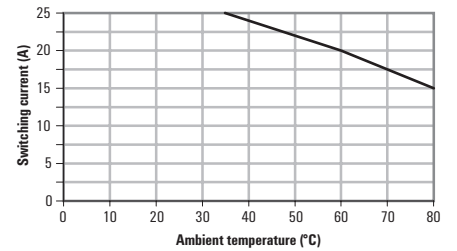
Note

Accessories and dimensioned drawings: refer to the Power Solid-state Relay Accessories page.

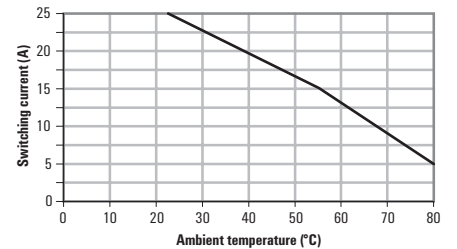
Accessories

Note

Derating curve with moderate ventilation and 50 % operational running time



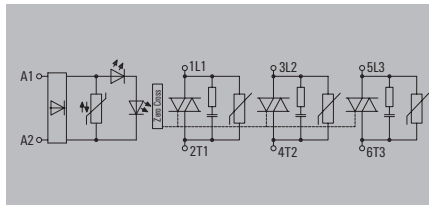
Derating curve without ventilation and in continual operation



PSSR - 3-phase

- Three-phase charging circuit: 24...520 V AC / 20 A at 55 °C
- Ready-to-use: snap on - connect - ready
- Zero-cross switch
- Wear-free and noiseless switching

PSSR 230 V AC / 3 PH AC 20 A



Technical data

Control side

Rated control voltage
Power rating
Pull-in/drop-out voltage, typ.

Input frequency
Status indicator
Protective circuit

Load side

Solid-state type
Rated switching voltage
Continuous current
Min. switching current
Max. switching current
Voltage drop at max. load
Leakage current
Short-circuit-proof / Protective circuit
Switch-on delay / Switch-off delay
Output voltage frequency range
Pulse load, max. current / Cartridge fuse
Load category
Load limit integral (I²t) <10 ms

General data

Ambient temperature (operational)
Storage temperature
Humidity
Approvals
Standards

Insulation coordination

Rated voltage
Impulse withstand voltage
Clearance and creepage distances for control side - load side
Overvoltage category
Pollution degree

Dimensions

Clamping range (rated / min. / max.) control side mm²
Clamping range (rated / min. / max.) load side mm²
Depth x width x height mm

Note

90...240 V AC / DC

0.4...2.6 W

90 V / 15 V AC

90 V / 15 V DC

10 Hz

Green LED

RC element, Varistor

Triac (zero-cross switch)

24...520 V AC

20 A @ 55 °C, 12 A (AC 53)

5 mA

1.4 V

< 1 mA

No / RC element, Varistor

30 ms / 30 ms

50 / 60 Hz

300 A (10 ms), non-recurrent /

AC 53: 3 x 12 A

1500 A²s

-40 °C...80 °C

-40 °C...100 °C

40...85 % (indoor) no condensation

CE; cURus; EAC

DIN EN 60950, IEC 60947-4-3

4 kV (1.2/50 µs)

≥ 6.4 mm

III

2

1.5 / 0.75 / 2.5

10 / 1.5 / 10

126.2 / 89.6 / 98

Ordering data

Screw connection

Type	Qty.	Order No.
PSSR 230VAC/3PH AC 20A	1	8952140000

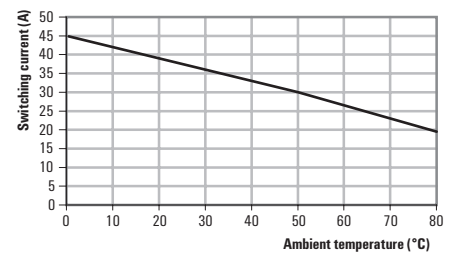
Note

Accessories and dimensioned drawings: refer to the Power Solid-state Relay Accessories page.

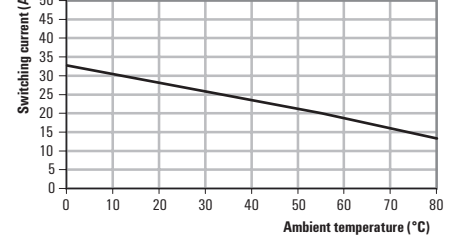
Accessories

Note

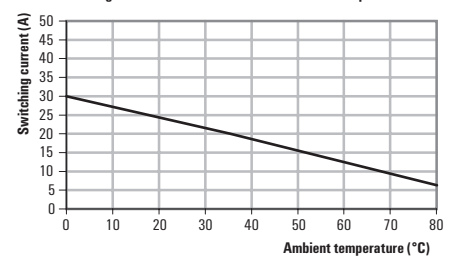
Derating curve with maximum ventilation



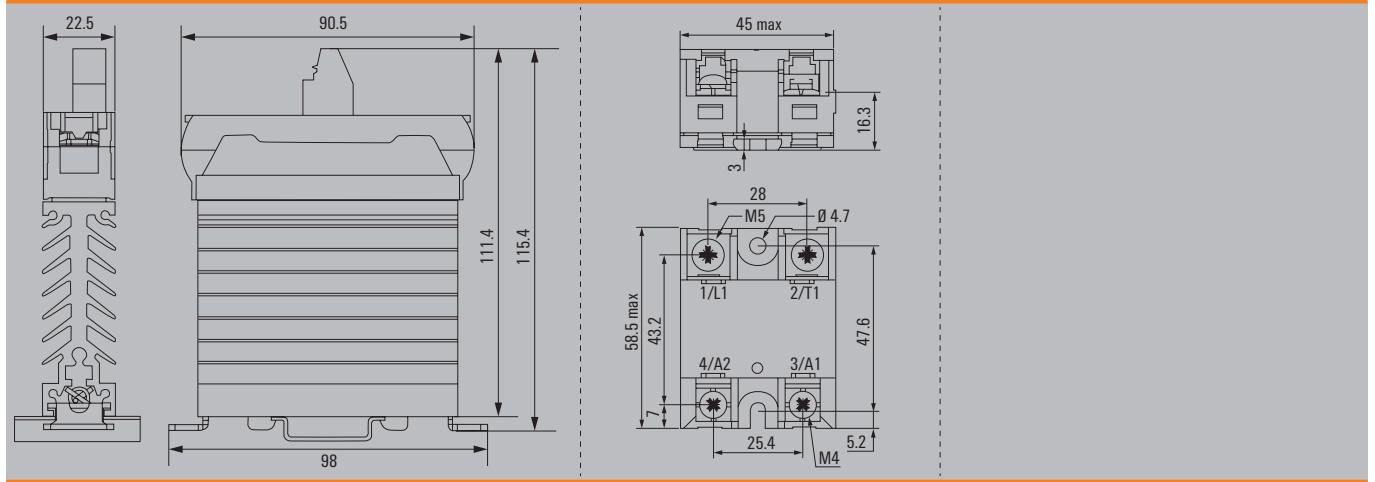
Derating curve with moderate ventilation and 50% operational running time



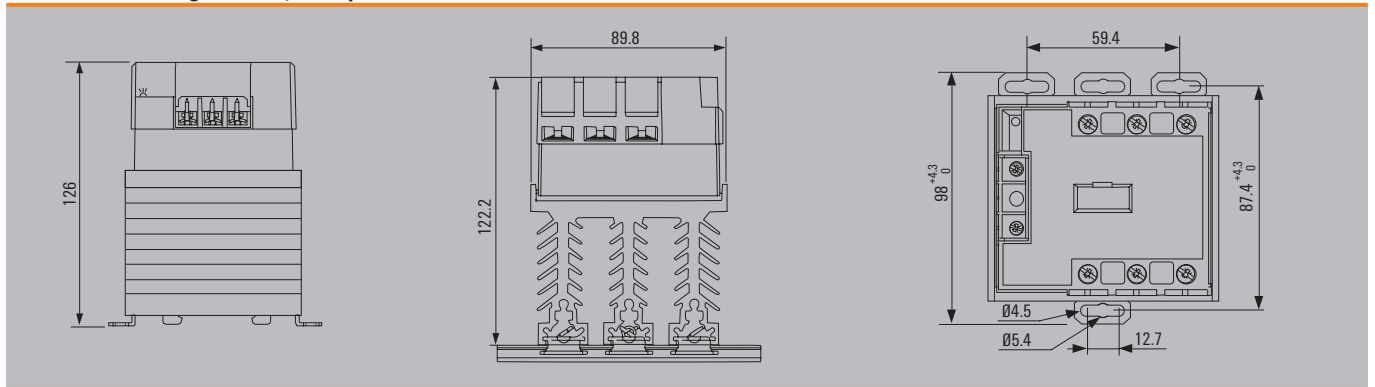
Derating curve without ventilation and in continual operation



Dimensioned drawing for PSSR, single-phase



Dimensioned drawing for PSSR, three-phase



Uninsulated screwdriver

Weidmüller SoftFinish screwdriver for general uses.
Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, matt chrome finish.



Screwdriver for the connections on the input side

SD S

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish® grip

Type	Size / AF	A	B	C	Order No.
SDS 0.6x3.5x100		0.6	3.5	100	9008330000



Screwdriver for the connections on the output side

SDK PZ

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish® grip

SDK PZ2	2			100	9008540000
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