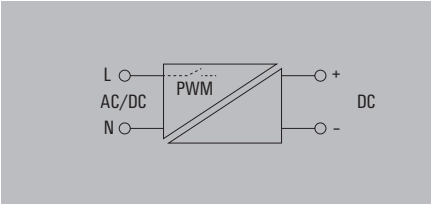
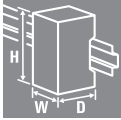


connectPower
Single-phase



Technical data

| Input | |
|------------------------------------|--------------------------------------|
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 28 V DC |
| Output current | 1 A |
| Output power | 28 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE, CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /2, -3 |
| Parallel connection option | yes, max 2. |

| Dimensions | |
|--|-----------------|
| Clamping range (nominal / min. / max.) | mm ² |
| Depth x width x height | mm |
| Note | |

Ordering data

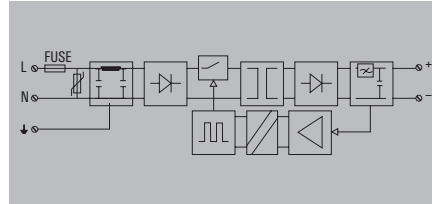
| |
|------------------|
| Screw connection |
|------------------|

Note

Accessories

Note

CP SNT 24W 28V 1A



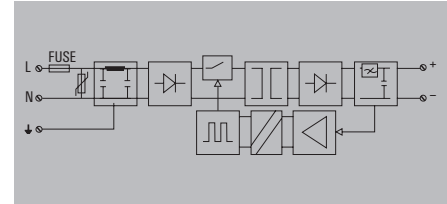
| | |
|------------------------------------|--------------------------------------|
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output voltage | 28 V DC |
| Output current | 1 A |
| Output power | 28 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE, CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /2, -3 |
| Parallel connection option | yes, max 2. |

| Input/Output | |
|---|------------------|
| Clamping range (nominal / min. / max.) | 4 / 0.08 / 4 |
| Depth x width x height | 62.5 / 52 / 90.5 |
| Note | |
| Derating loss: 33 % @ 60 °C The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system. | |

| Type | Qty. | Order No. |
|-------------------|------|------------|
| CP SNT 24W 28V 1A | 1 | 9928890028 |

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

CP SNT 24W 24V 1A



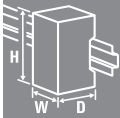
| | |
|------------------------------------|--------------------------------------|
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output voltage | 24 V DC |
| Output current | 1 A |
| Output power | 24 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE, CSA; CSAEX; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /2, -3 |
| Parallel connection option | yes, max 2. |

| Input/Output | |
|---|------------------|
| Clamping range (nominal / min. / max.) | 4 / 0.08 / 4 |
| Depth x width x height | 62.5 / 52 / 90.5 |
| Note | |
| Derating loss: 33 % @ 60 °C The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system. | |

| Type | Qty. | Order No. |
|-------------------|------|------------|
| CP SNT 24W 24V 1A | 1 | 9928890024 |

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

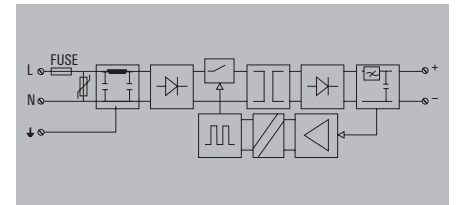
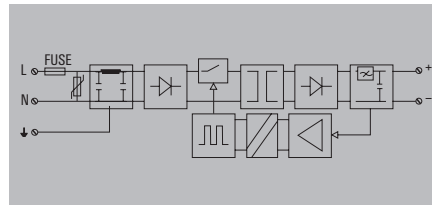
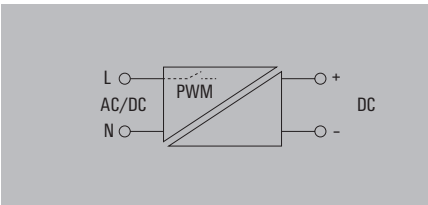
connectPower
Single-phase



CP SNT 24W 15V 1.5A



CP SNT 24W 12V 1.5A



Technical data

| Input | |
|---|--------------------------------------|
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 15 V DC |
| Output current | 1.5 A |
| Output power | 22.5 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE; CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /-2, -3 |
| Parallel connection option | yes, max 2. |
| Dimensions | |
| Clamping range (nominal / min. / max.) | 4 / 0.08 / 4 mm ² |
| Depth x width x height | 62.5 / 52 / 90.5 mm |
| Note | |
| Derating loss: 33 % @ 60 °C The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system. | |

| Input/Output | |
|------------------------------------|--------------------------------------|
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 12 V DC |
| Output current | 1.5 A |
| Output power | 18 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE; CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /-2, -3 |
| Parallel connection option | yes, max 2. |
| Input/Output | |
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 12 V DC |
| Output current | 1.5 A |
| Output power | 18 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE; CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /-2, -3 |
| Parallel connection option | yes, max 2. |
| Input/Output | |
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 12 V DC |
| Output current | 1.5 A |
| Output power | 18 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE; CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /-2, -3 |
| Parallel connection option | yes, max 2. |
| Input/Output | |
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 12 V DC |
| Output current | 1.5 A |
| Output power | 18 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE; CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /-2, -3 |
| Parallel connection option | yes, max 2. |

| Input/Output | |
|------------------------------------|--------------------------------------|
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 12 V DC |
| Output current | 1.5 A |
| Output power | 18 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE; CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /-2, -3 |
| Parallel connection option | yes, max 2. |
| Input/Output | |
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 12 V DC |
| Output current | 1.5 A |
| Output power | 18 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE; CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /-2, -3 |
| Parallel connection option | yes, max 2. |
| Input/Output | |
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 12 V DC |
| Output current | 1.5 A |
| Output power | 18 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE; CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /-2, -3 |
| Parallel connection option | yes, max 2. |

Ordering data

| | |
|-----------------|------------------|
| Connection type | Screw connection |
|-----------------|------------------|

| Type | Qty. | Order No. |
|---------------------|------|------------|
| CP SNT 24W 15V 1.5A | 1 | 9928890015 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| CP SNT 24W 12V 1.5A | 1 | 9928890012 |

Note

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

Accessories

| | |
|------|--|
| Note | |
|------|--|

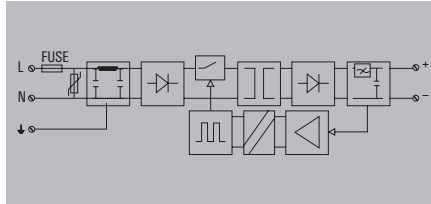
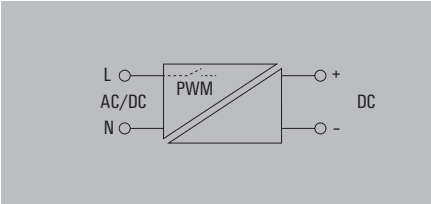
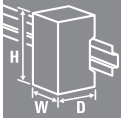
| | |
|------|--|
| Note | |
|------|--|

| | |
|------|--|
| Note | |
|------|--|

connectPower INSTAPOWER

connectPower
Single-phase

CP SNT 24W 5V 2A



Technical data

| Input | |
|------------------------------------|--------------------------------------|
| Input voltage | 85...265 V AC, 120...300 V DC |
| Input current | 460 mA @ 115 V AC; 250 mA @ 230 V AC |
| Input frequency | 50/ 60 Hz |
| Turn-on current limit | Thermistor |
| Input fuse | 2 A time-lag fuse (internal) |
| Surge protection | Varistor |
| Output | |
| Output voltage | 5 V DC |
| Output current | 2 A |
| Output power | 10 W |
| Max. residual ripple | < 2 % |
| Overload protection | Surge current / thermal cut-out |
| Surge protection | Varistor |
| Mains failure bridge-over time | 35 ms @ 115 V AC / 160 ms @ 230 V AC |
| Control at 10...100% load | 0.5% |
| Max. capacitance at output | 8000 µF |
| Insulation coordination (EN 50178) | |
| Electrical isolation, output-earth | 0.5 kV |
| Electrical isolation, input-earth | 1.5 kV |
| Electrical isolation, input-output | 3 kV |
| Electrical isolation, I/O rail | 4 kV |
| General data | |
| Ambient temperature (operational) | -20 °C...+50 °C |
| Storage temperature | -40 °C...+85 °C |
| Degree of efficiency at max. load | 78% |
| Standards | DIN EN 50178, DIN EN 60950, IEC950 |
| Approvals | CE: CSA; cULus; GOSTME25 |
| EMC standards | EN 61000-6 /2, -3 |
| Parallel connection option | yes, max 2. |

| Input/Output | |
|--|---|
| Clamping range (nominal / min. / max.) | 4 / 0.08 / 4 |
| Depth x width x height | 62.5 / 52 / 90.5 |
| Note | Derating loss: 33 % @ 60 °C The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system. |

| Dimensions | |
|--|-----------------|
| Clamping range (nominal / min. / max.) | mm ² |
| Depth x width x height | mm |
| Note | |

| Ordering data | | |
|------------------|------|------------|
| Type | Qty. | Order No. |
| CP SNT 24W 5V 2A | 1 | 9928890005 |

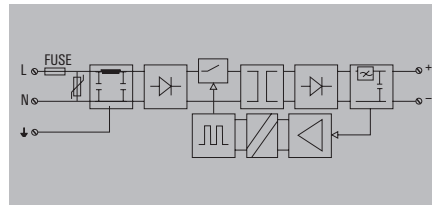
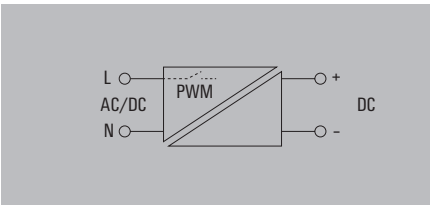
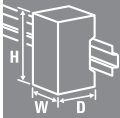
| Ordering data | |
|---------------|------------------|
| | Screw connection |

| Note | |
|------|--|
| | The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system. |

| Accessories | |
|-------------|--|
| Note | |

connectPower
Single-phase

CP SNT 25W 5V 5A



Technical data

Input

Input voltage
Input current
Input frequency
Turn-on current limit
Input fuse

85...264 V AC / 110...370 V DC
500 mA at rated load @ 230 V AC
50/ 60 Hz
Yes
Fuse link 2.5 A (T) / 250 V

Output

Output voltage
Output current
Output power
Max. residual ripple
Overload protection

4...8 V DC (adjustable via potentiometer)
5 A
25 W
120 mV_{SS}
105 %...150 % I_{const} of max. output load; automatic reset

Surge protection
Mains failure bridge-over time
Control at 10...100% load
Max. capacitance at output

Varistor
11 ms @ 115 V AC / 50 ms @ 230 V AC
1%
10000 µF

Insulation coordination (EN 50178)

Electrical isolation, output-earth
Electrical isolation, input-earth
Electrical isolation, input-output
Electrical isolation, I/O rail

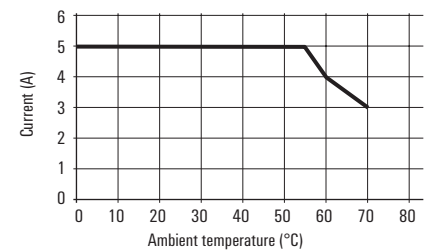
0.5 kV
1.5 kV
3 kV
4 kV

General data

Ambient temperature (operational)
Storage temperature
Degree of efficiency at max. load
Standards
Approvals
EMC standards
Parallel connection option

-10...+70 °C (Derating ab 55 °C)
-20 °C...+85 °C
70%
DIN EN 50178 (PELV), DIN EN 60950 (SELV)
cCSAus; cURus; GOSTME25; UL
EN 55011, EN 55022, EN 61000-3-2,-3, EN 61000-6-2,-3,-4
Max. 3 devices (rated voltages are to be calibrated at ±20 mV)

Derating curve



Dimensions

Clamping range (nominal / min. / max.) mm²
Depth x width x height mm

Input/Output

2.5 / 0.5 / 4
62.5 / 70 / 90.5

Note

Ordering data

Screw connection

| Type | Qty. | Order No. |
|------------------|------|------------|
| CP SNT 25W 5V 5A | 1 | 8754960000 |

Note

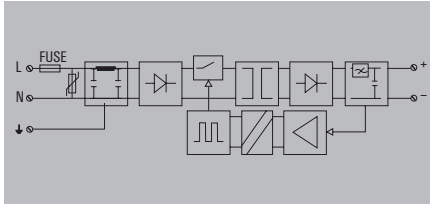
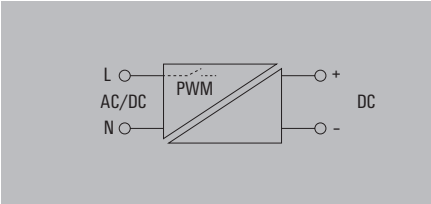
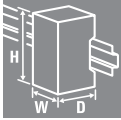
The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

Accessories

Note

connectPower
Single-phase

CP SNT 48W 12V 4A



Technical data

Input

- Input voltage
- Input current
- Input frequency
- Turn-on current limit
- Input fuse

- 85...264 V AC / 110...370 V DC
- 500 mA at rated load @ 230 V AC
- 50/ 60 Hz
- Yes
- Fuse link 2.5 A (T) / 250 V

Output

- Output voltage
- Output current
- Output power
- Max. residual ripple
- Overload protection

- 9...15 V DC (adjustable via potentiometer)
- 4 A
- 48 W
- 120 mV_{SS}
- 105 %...150 % I_{const} of max. output load; automatic reset

- Surge protection
- Mains failure bridge-over time
- Control at 10...100% load
- Max. capacitance at output

- Varistor
- 11 ms @ 115 V AC / 50 ms @ 230 V AC
- 1%
- 10000 µF

Insulation coordination (EN 50178)

- Electrical isolation, output-earth
- Electrical isolation, input-earth
- Electrical isolation, input-output
- Electrical isolation, I/O rail

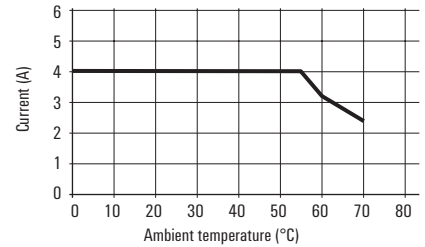
- 0.5 kV
- 1.5 kV
- 3 kV
- 4 kV

General data

- Ambient temperature (operational)
- Storage temperature
- Degree of efficiency at max. load
- Standards
- Approvals
- EMC standards
- Parallel connection option

- 10...+70 °C (Derating ab 55 °C)
- 20 °C...+85 °C
- 75%
- DIN EN 50178 (PELV), DIN EN 60950 (SELV)
- cCSAus; CE; cURus; GOSTME25; UL
- EN 55011, EN 55022, EN 61000-3-2,-3, EN 61000-6-2,-3,-4
- Max. 3 devices (rated voltages are to be calibrated at ±20 mV)

Derating curve



Dimensions

- Clamping range (nominal / min. / max.) mm²
- Depth x width x height mm

Input/Output

- 2.5 / 0.5 / 4
- 62.5 / 70 / 90.5

Note

Ordering data

Screw connection

| Type | Qty. | Order No. |
|-------------------|------|------------|
| CP SNT 48W 12V 4A | 1 | 8754970000 |

Note

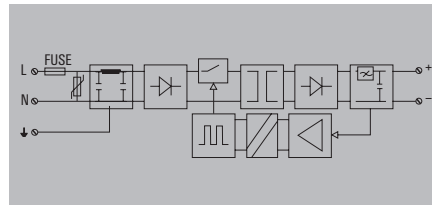
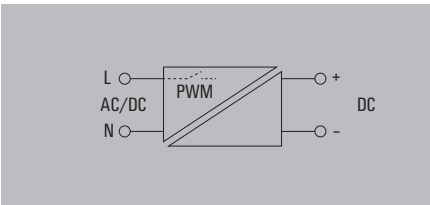
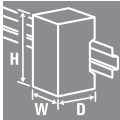
The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

Accessories

Note

connectPower
Single-phase

CP SNT 48W 24V 2A



Technical data

Input

Input voltage
Input current
Input frequency
Turn-on current limit
Input fuse

85...264 V AC / 110...370 V DC
500 mA at rated load @ 230 V AC
50/ 60 Hz
Yes
Fuse link 2.5 A (T) / 250 V

Output

Output voltage
Output current
Output power
Max. residual ripple
Overload protection

15...28 V DC (adjustable via potentiometer)
2 A
48 W
120 mV_{SS}
105 %...150 % I_{const} of max. output load; automatic reset

Surge protection
Mains failure bridge-over time
Control at 10...100% load
Max. capacitance at output

Varistor
11 ms @ 115 V AC / 50 ms @ 230 V AC
1%
10000 µF

Insulation coordination (EN 50178)

Electrical isolation, output-earth
Electrical isolation, input-earth
Electrical isolation, input-output
Electrical isolation, I/O rail

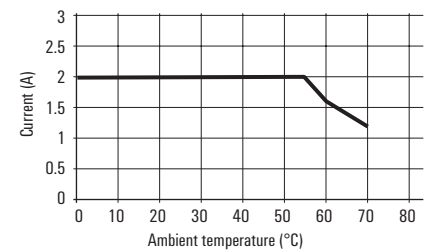
0.5 kV
1.5 kV
3 kV
4 kV

General data

Ambient temperature (operational)
Storage temperature
Degree of efficiency at max. load
Standards
Approvals
EMC standards
Parallel connection option

-10...+70 °C (Derating ab 55 °C)
-20 °C...+85 °C
78%
DIN EN 50178 (PELV), DIN EN 60950 (SELV)
cCSAus; cURus; GOSTME25; UL
EN 55011, EN 55022, EN 61000-3-2,-3, EN 61000-6-2,-3,-4
Max. 3 devices (rated voltages are to be calibrated at ±20 mV)

Derating curve



Dimensions

Clamping range (nominal / min. / max.) mm²
Depth x width x height mm

Input/Output

2.5 / 0.5 / 4
62.5 / 70 / 90.5

Note

Ordering data

Screw connection

| Type | Qty. | Order No. |
|-------------------|------|------------|
| CP SNT 48W 24V 2A | 1 | 8739140000 |

Note

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

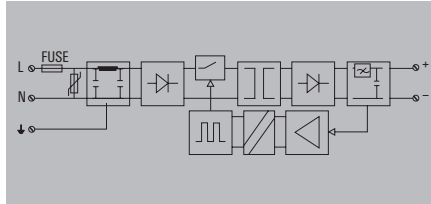
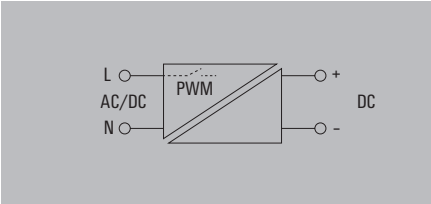
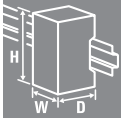
Accessories

Note

connectPower INSTAPOWER

connectPower
Single-phase

CP SNT 48W 48V 1A



Technical data

Input

- Input voltage
- Input current
- Input frequency
- Turn-on current limit
- Input fuse

85...264 V AC / 110...370 V DC
500 mA at rated load @ 230 V AC
50/ 60 Hz
Yes
Fuse link 2.5 A (T) / 250 V

Output

- Output voltage
- Output current
- Output power
- Max. residual ripple
- Overload protection

46...55 V DC (adjustable via potentiometer)
1 A
48 W
120 mV_{SS}
105 %...150 % I_{const} of max. output load; automatic reset

- Surge protection
- Mains failure bridge-over time
- Control at 10...100% load
- Max. capacitance at output

Varistor
11 ms @ 115 V AC / 50 ms @ 230 V AC
1%
10000 µF

Insulation coordination (EN 50178)

- Electrical isolation, output-earth
- Electrical isolation, input-earth
- Electrical isolation, input-output
- Electrical isolation, I/O rail

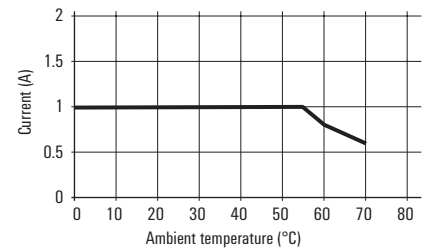
0.5 kV
1.5 kV
3 kV
4 kV

General data

- Ambient temperature (operational)
- Storage temperature
- Degree of efficiency at max. load
- Standards
- Approvals
- EMC standards
- Parallel connection option

-10...+70 °C (Derating ab 55 °C)
-20 °C...+85 °C
80%
DIN EN 50178 (PELV), DIN EN 60950 (SELV)
cCSAus; cURus; GOSTME25; UL
EN 55011, EN 55022, EN 61000-3-2,-3, EN 61000-6-2,-3,-4
Max. 3 devices (rated voltages are to be calibrated at ±20 mV)

Derating curve



Dimensions

Clamping range (nominal / min. / max.) mm²
Depth x width x height mm

Input/Output

2.5 / 0.5 / 4
62.5 / 70 / 90.5

Note

Ordering data

Screw connection

| Type | Qty. | Order No. |
|-------------------|------|------------|
| CP SNT 48W 48V 1A | 1 | 8879230000 |

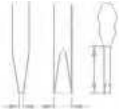
Note

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

Accessories

Note

Small screwdriver



| Type | Blade type | Size/AF | a | b | c | Order No. |
|------------------|------------|---------|-----|---|-----|------------|
| SDIK PH1 | | 1.00 | | | 80 | 9008570000 |
| SDIS 0.5X3.0X100 | B | | 0.5 | 3 | 100 | 9008380000 |

Markers



| Type | Colour | Qty. | Order No. |
|----------------------|--------|------|------------|
| SM 18/9.5 K MC NE WS | white | 200 | 1248580000 |

End bracket

For DIN rail TS 35



| Polyamide with fibre glass, screwable | Colour | Torque | Qty. | Order No. |
|---------------------------------------|--------|--------|------|------------|
| WEW 35/1 SW | black | 1.2 Nm | 50 | 1162600000 |