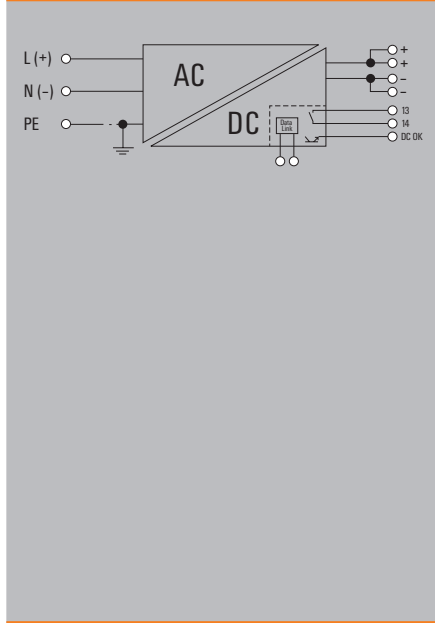


connectPower PRO-H



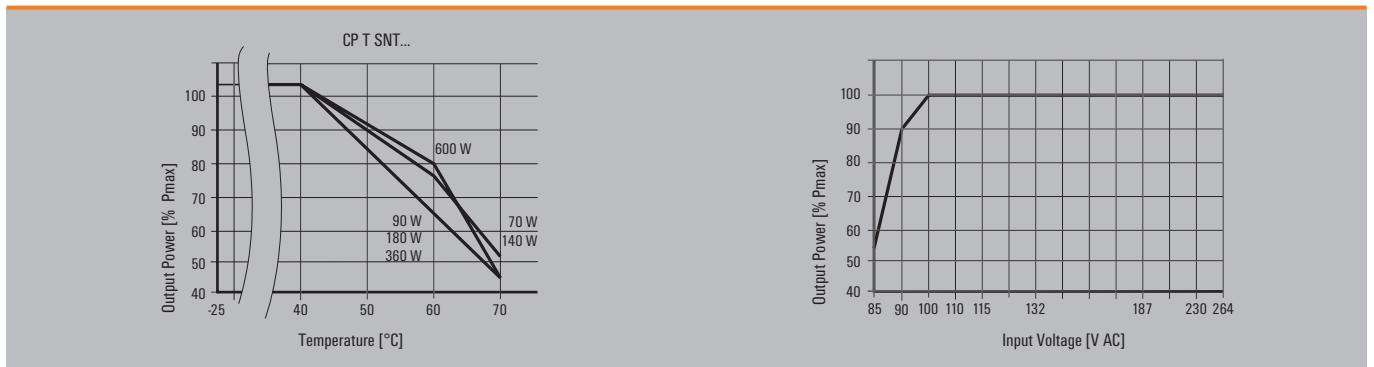
Technical data

| General technical data | |
|---|---|
| Current limiting | > 100 % I _{rated} |
| Ambient temp. operating / storage temperature | -25...+70 °C -25 °C...+85 °C |
| Max. perm. air humidity (operation) | 95 % RH |
| Degree of protection / Class of protection | IP 20 / I, with PE connection |
| Pollution degree | 2 |
| Insulation voltage input/output | 4 kV I/O 2 kV I/earth 0.5 kV O/earth |
| MTBF according to IEC 61709 | CP T ... 70/90 W > 1.8 Mio. h CP T ... 140 W > 1.2 Mio. h CP T ... 180/360/600 W > 0.9 Mio. h |
| Protection against reverse voltages from the load | 16 V DC / 35 V DC / 63 V DC |
| Parallel connection option | yes, without diode module |
| Housing version | metal, corrosion resistant |
| Overload protection | Thermal protection, autom. restart |
| Short circuit protection | Unlimited, autom. restart |
| Indication | Dual LED Operational: Green LED; Error: Red LED |
| Mounting position, installation notice | Horizontal on TS 35 mounting rail, with 80 mm space at top and bottom. Side by side mounting with 50 mm clearance. |
| Stripping length (rated connection) | 7 mm |
| Signal indication | |
| Power Good Signal | Trigger point 12 V Version 9...11 V DC 24 V Version 18...22 V DC 48 V Version 36...44 V DC |
| Potential free, floating signal contact | NO contact 30 V DC / 1.0 A max. for 12/24 V DC modules 48 V DC / 0.5 A max. for 36/48 V DC modules |
| Active output signal | 70 W 11 V DC ± 1 V DC / 20 mA max. 140 W 11 V DC ± 1 V DC / 40 mA max. 90 W 22 V DC ± 2 V DC / 10 mA max. 180/360/600 W 24 V DC 22 V DC ± 2 V DC / 20 mA max. 180/360/600 W 48 V DC 44 V DC ± 4 V DC / 15 mA max. |
| EMC / shock / vibration | |
| Noise emission acc. to EN55022 | Class B |
| Noise immunity tests acc. to | EN61000-4-2 (ESD), EN61000-4-3 and EN61000-4-8 (Fields), EN61000-4-4 (Burst), EN61000-4-5 (Surge), EN61000-4-6 (conducted), EN61000-4-11 (Dips) |
| Limiting of mains voltage harmonic currents | according to EN61000-3-2 |
| Vibration IEC 60068-2-6 | 3 axes, Sinus, 10...55 Hz, 1 g, 1 oct./min |
| Shock IEC 60068-2-27 | 3 axes, 15 g, half sinus, 11 ms |
| Electrical safety (applied standards) | |
| Electrical equipment of machines | according to EN60204 |
| Safety transformers for switched-mode power units | according to EN61558-2-4 |
| Machinery with electronic equipment | according to EN50178 |
| Safety extra low voltage | SELV according to EN60950 |

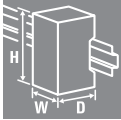


Max. limiting average on state current [A]

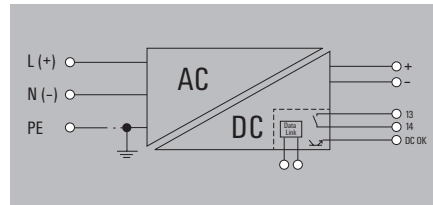
| Type \ Temp. | 40 °C | 50 °C | 60 °C | 70 °C |
|---------------------|-------|-------|-------|-------|
| 1 ph 12 V / 6 A | 6.0 | 5.7 | 5.4 | 4.5 |
| 1 ph 12 V / 12 A | 12.0 | 9.5 | 7.0 | 3.7 |
| 1 ph 24 V / 3.8 A | 3.8 | 3.1 | 2.5 | 1.7 |
| 1 ph 24 V / 7.5 A | 7.5 | 6.3 | 5.0 | 3.3 |
| 1 ph 24 V / 15 A | 15.0 | 12.5 | 10.0 | 6.7 |
| 1 ph 24 V / 25 A | 25.0 | 22.5 | 20.0 | 13.3 |
| 1 ph 36 V / 16.5 A | 16.5 | 15.0 | 13.3 | 9.0 |
| 1 ph 48 V / 2 A | 2.0 | 1.6 | 1.3 | 0.8 |
| 1 ph 48 V / 4 A | 4.0 | 3.3 | 2.5 | 1.7 |
| 1 ph 48 V / 7.5 A | 7.5 | 6.3 | 5.0 | 3.3 |
| 1 ph 48 V / 12.5 A | 12.5 | 11.3 | 10.0 | 7.5 |
| 1-2 ph 24 V / 7.5 A | 7.5 | 6.3 | 5.0 | 3.3 |
| 1-2 ph 24 V / 15 A | 15.0 | 12.5 | 10.0 | 6.7 |
| 1-2 ph 24 V / 25 A | 25.0 | 22.5 | 20.0 | 13.3 |



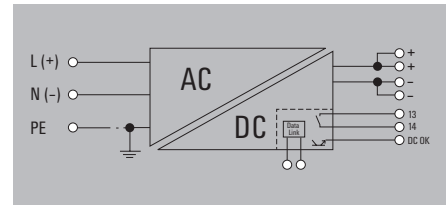
connectPower
PRO-H



CP T SNT 70W 12V 6A



CP T SNT 140W 12V 12A



Technical data

| |
|--|
| Input |
| Rated input voltage |
| Input voltage range AC |
| Frequency range AC |
| AC current consumption |
| Input fuse (internal) / Inrush current |
| Recommended back-up fuse |
| Output |
| Rated output voltage |
| Output voltage |
| Residual ripple, breaking spikes |
| Rated (nominal) output current @ I_{nom} |
| Continuous output current @ 24 V DC |
| General data |
| Degree of efficiency |
| AC failure bridging time @ I_{nom} |
| Parallel connection option |
| Depth x width x height |
| Weight |
| Approvals |
| Approvals |

| |
|--|
| 100...240 V AC (wide-range input) |
| 85...264 V AC |
| 47...63 Hz |
| 1 A @ 230 V AC, 2 A @ 115 V AC |
| 4 A / < 20 A (230 V AC) |
| 6...16 A, char. B, circuit breaker |
| 12 V DC \pm 1 % |
| 12...14 V DC (adjustable via potentiometer on front) |
| 100 mV _{SS} @ 12 V DC, I_{nom} |
| 6 A @ 40 °C |
| 6 A @ 40 °C, 5.4 A @ 60 °C, 4.5 A @ 70 °C |
| typ. 82 % @ 230 V AC |
| min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| yes, max. 5 |
| 110 / 35 / 110 mm |
| 0.5 kg |
| BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| |
|--|
| 100...240 V AC (auto-select) |
| 85...132 V AC, 187...264 V AC |
| 47...63 Hz |
| 1.4 A @ 230 V AC, 2.5 A @ 115 V AC |
| 4 A / < 20 A (230 V AC) |
| 6...16 A, char. B, circuit breaker |
| 12 V DC \pm 1 % |
| 12...14 V DC (adjustable via potentiometer on front) |
| 100 mV _{SS} @ 12 V DC, I_{nom} |
| 12 A @ 40 °C |
| 12 A @ 40 °C, 7 A @ 60 °C, 3.7 A @ 70 °C |
| typ. 85 % @ 230 V AC |
| min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| yes, max. 5 |
| 110 / 54 / 110 mm |
| 0.7 kg |
| BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| | |
|---------------------------------------|-----------------|
| Connection data | |
| Wire connection method | |
| Number of terminals | |
| Wire cross-section, rigid min/max | mm ² |
| Wire cross-section, flexible min/max | mm ² |
| Wire cross-section, AWG/kcmil min/max | |
| Note | |

| | |
|------------------|------------------|
| Input | Output |
| Screw connection | Screw connection |
| 3 for L/N/PE | 2 (+ / -) |
| 0.5 / 2.5 | 1 / 2.5 |
| 0.5 / 2.5 | 1 / 2.5 |
| 24 / 12 | 18 / 12 |

| | |
|------------------|--------------------|
| Input | Output |
| Screw connection | Screw connection |
| 3 for L/N/PE | 7 (+ / - / Signal) |
| 0.5 / 2.5 | 1 / 2.5 |
| 0.5 / 2.5 | 1 / 2.5 |
| 24 / 12 | 18 / 12 |

Ordering data

| |
|--|
| |
|--|

| | | |
|---------------------|-------------|------------------|
| Type | Qty. | Order No. |
| CP T SNT 70W 12V 6A | 1 | 1105430000 |

| | | |
|-----------------------|-------------|------------------|
| Type | Qty. | Order No. |
| CP T SNT 140W 12V 12A | 1 | 1105440000 |

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

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

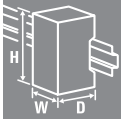
The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

Accessories

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

connectPower PRO-H

connectPower PRO-H

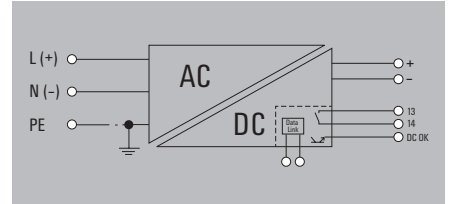
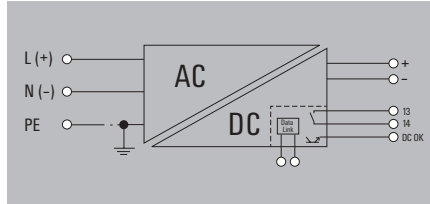


CP T SNT 90W 24V 3.8A



CP T SNT 90W 24V 3.8A CL2

Class 2, UL 1310



Technical data

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (wide-range input) |
| Input voltage range AC | 85...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 1 A @ 230 V AC, 2.1 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 4 A / < 20 A (230 V AC) |
| Recommended back-up fuse | 6...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 3.8 A @ 40 °C |
| Continuous output current @ 24 V DC | 3.8 A @ 40 °C, 2.5 A @ 60 °C, 1.7 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 85 % @ 230 V AC |
| AC failure bridging time @ I _{nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 35 / 110 mm |
| Weight | 0.5 kg |
| Approvals | |
| Approvals | BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (wide-range input) |
| Input voltage range AC | 85...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 1 A @ 230 V AC, 2.1 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 4 A / < 20 A (230 V AC) |
| Recommended back-up fuse | 6...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 3.8 A @ 40 °C |
| Continuous output current @ 24 V DC | 3.8 A @ 40 °C, 2.5 A @ 60 °C, 1.7 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 85 % @ 230 V AC |
| AC failure bridging time @ I _{nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 35 / 110 mm |
| Weight | 0.5 kg |
| Approvals | |
| Approvals | CE; cULus; GOSTME25 |

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (wide-range input) |
| Input voltage range AC | 85...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 1 A @ 230 V AC, 2.1 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 4 A / < 20 A (230 V AC) |
| Recommended back-up fuse | 6...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 3.8 A @ 40 °C |
| Continuous output current @ 24 V DC | 3.8 A @ 40 °C, 2.5 A @ 60 °C, 1.7 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 85 % @ 230 V AC |
| AC failure bridging time @ I _{nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 35 / 110 mm |
| Weight | 0.5 kg |
| Approvals | |
| Approvals | CE; cULus; GOSTME25 |

| Connection data | |
|---------------------------------------|---------------------------|
| Wire connection method | Screw connection |
| Number of terminals | 3 for L/N/PE |
| Wire cross-section, rigid min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, flexible min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, AWG/kcmil min/max | 24 / 12 |
| Note | |

| Input | Output |
|------------------|------------------|
| Screw connection | Screw connection |
| 3 for L/N/PE | 2 (+ / -) |
| 0.5 / 2.5 | 1 / 2.5 |
| 0.5 / 2.5 | 0.5 / 2.5 |
| 24 / 12 | 24 / 12 |

| Input | Output |
|------------------|------------------|
| Screw connection | Screw connection |
| 3 for L/N/PE | 2 (+ / -) |
| 0.5 / 2.5 | 1 / 2.5 |
| 0.5 / 2.5 | 0.5 / 2.5 |
| 24 / 12 | 24 / 12 |

Ordering data

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| CP T SNT 90W 24V 3,8A | 1 | 1105790000 |

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| CP T SNT 90W 24V3,8ACL2 | 1 | 1194410000 |

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| CP T SNT 90W 24V3,8ACL2 | 1 | 1194410000 |

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

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

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

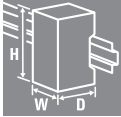
Accessories

Note

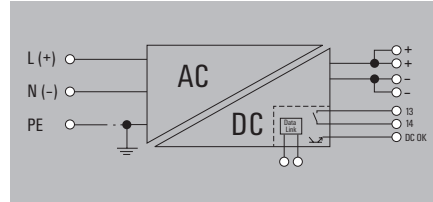
Note

Note

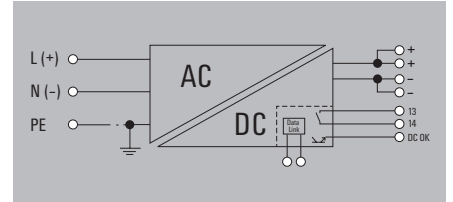
connectPower
PRO-H



CP T SNT 180W 24V 7.5A



CP T SNT 360W 24V 15A



Technical data

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (auto-select) |
| Input voltage range AC | 85...132 V AC, 187...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 1.4 A @ 230 V AC, 2.5 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 4 A / < 20 A (230 V AC) |
| Recommended back-up fuse | 6...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 7.5 A @ 40 °C |
| Continuous output current @ 24 V DC | 7.5 A @ 40 °C, 5 A @ 60 °C, 3.3 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 88 % @ 230 V AC |
| AC failure bridging time @ I _{nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 54 / 110 mm |
| Weight | 0.7 kg |
| Approvals | |
| Approvals | BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (auto-select) |
| Input voltage range AC | 85...132 V AC, 187...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 1.4 A @ 230 V AC, 2.5 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 4 A / < 20 A (230 V AC) |
| Recommended back-up fuse | 6...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 7.5 A @ 40 °C |
| Continuous output current @ 24 V DC | 7.5 A @ 40 °C, 5 A @ 60 °C, 3.3 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 88 % @ 230 V AC |
| AC failure bridging time @ I _{nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 54 / 110 mm |
| Weight | 0.7 kg |
| Approvals | |
| Approvals | BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (auto-select) |
| Input voltage range AC | 85...132 V AC, 187...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 2.5 A @ 230 V AC, 5 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 6.3 A / < 25 A (230 V AC) |
| Recommended back-up fuse | 10...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 15 A @ 40 °C |
| Continuous output current @ 24 V DC | 15 A @ 40 °C, 10 A @ 60 °C, 6.7 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 87 % @ 230 V AC |
| AC failure bridging time @ I _{nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 80 / 110 mm |
| Weight | 1.1 kg |
| Approvals | |
| Approvals | BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Connection data | |
|---------------------------------------|---------------------------|
| Wire connection method | Screw connection |
| Number of terminals | 3 for L/N/PE |
| Wire cross-section, rigid min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, flexible min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, AWG/kcmil min/max | 24 / 12 |
| Note | |

| Input | Output |
|---------------------------------------|---------------------------|
| Wire connection method | Screw connection |
| Number of terminals | 7 (+ / - / Signal) |
| Wire cross-section, rigid min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, flexible min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, AWG/kcmil min/max | 24 / 12 |

| Input | Output |
|---------------------------------------|---------------------------|
| Wire connection method | Screw connection |
| Number of terminals | 7 (+ / - / Signal) |
| Wire cross-section, rigid min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, flexible min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, AWG/kcmil min/max | 24 / 12 |

Ordering data

| Type | Qty. | Order No. |
|------------------------|------|------------|
| CP T SNT 180W 24V 7,5A | 1 | 1105810000 |

| Type | Qty. | Order No. |
|------------------------|------|------------|
| CP T SNT 180W 24V 7,5A | 1 | 1105810000 |

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| CP T SNT 360W 24V 15A | 1 | 1105820000 |

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.

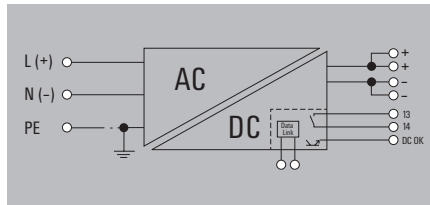
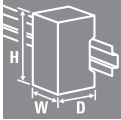
Accessories

Note

connectPower PRO-H

connectPower PRO-H

CP T SNT 600W 24V 25A



Technical data

| Input | |
|--|--|
| Rated input voltage | |
| Input voltage range AC | |
| Frequency range AC | |
| AC current consumption | |
| Input fuse (internal) / Inrush current | |
| Recommended back-up fuse | |
| Output | |
| Rated output voltage | |
| Output voltage | |
| Residual ripple, breaking spikes | |
| Rated (nominal) output current @ U_{nom} | |
| Continuous output current @ 24 V DC | |
| General data | |
| Degree of efficiency | |
| AC failure bridging time @ I_{nom} | |
| Parallel connection option | |
| Depth x width x height | |
| Weight | |
| Approvals | |
| Approvals | |

| |
|--|
| 100...240 V AC (auto-select) |
| 85...132 V AC, 187...264 V AC |
| 47...63 Hz |
| 5 A @ 230 V AC, 10 A @ 115 V AC |
| 12 A / < 30 A (230 V AC) |
| 16...25 A, char. B, circuit breaker |
| 24 V DC \pm 1 % |
| 24...28 V DC (adjustable via potentiometer on front) |
| 100 mV _{pp} @ 24 V DC, I_{nom} |
| 25 A @ 40 °C |
| 25 A @ 40 °C, 20 A @ 60 °C, 13.3 A @ 70 °C |
| typ. 89 % @ 230 V AC |
| min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| yes, max. 5 |
| 125 / 165 / 125 mm |
| 2.8 kg |
| BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Connection data | |
|---------------------------------------|-----------------|
| Wire connection method | |
| Number of terminals | |
| Wire cross-section, rigid min/max | mm ² |
| Wire cross-section, flexible min/max | mm ² |
| Wire cross-section, AWG/kcmil min/max | |
| Note | |

| Input | Output |
|------------------|--------------------|
| Screw connection | Screw connection |
| 3 for L/N/PE | 7 (+ / - / Signal) |
| 1 / 4 | 1 / 2,5 |
| 1 / 4 | 2,5 / 4 |
| 18 / 10 | 12 / 10 |

Ordering data

| | | |
|--|--|--|
| | | |
|--|--|--|

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| CP T SNT 600W 24V 25A | 1 | 1105840000 |

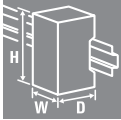
| Note |
|------|
| |

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

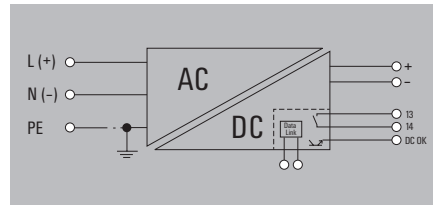
Accessories

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

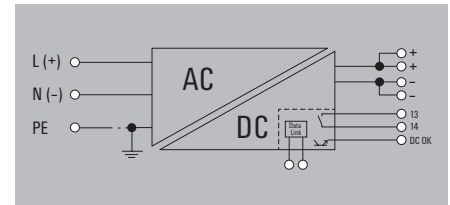
connectPower
PRO-H



CP T SNT 90W 48V 2A



CP T SNT 180W 48V 4A



Technical data

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (wide-range input) |
| Input voltage range AC | 85...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 1 A @ 230 V AC, 2.1 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 4 A / < 20 A (230 V AC) |
| Recommended back-up fuse | 6...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 48 V DC ± 1 % |
| Output voltage | 48...56 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{SS} @ 48 V DC, I _{Nom} |
| Rated (nominal) output current @ U _{Nom} | 2 A @ 40 °C |
| Continuous output current @ 24 V DC | 2 A @ 40 °C, 1.3 A @ 60 °C, 0.8 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 87 % @ 230 V AC |
| AC failure bridging time @ I _{Nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 35 / 110 mm |
| Weight | 0.5 kg |
| Approvals | |
| Approvals | BVATEX; CE; cULus; GOSTME25 |

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (wide-range input) |
| Input voltage range AC | 85...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 1 A @ 230 V AC, 2.1 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 4 A / < 20 A (230 V AC) |
| Recommended back-up fuse | 6...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 48 V DC ± 1 % |
| Output voltage | 48...56 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{SS} @ 48 V DC, I _{Nom} |
| Rated (nominal) output current @ U _{Nom} | 2 A @ 40 °C |
| Continuous output current @ 24 V DC | 2 A @ 40 °C, 1.3 A @ 60 °C, 0.8 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 87 % @ 230 V AC |
| AC failure bridging time @ I _{Nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 35 / 110 mm |
| Weight | 0.5 kg |
| Approvals | |
| Approvals | BVATEX; CE; cULus; GOSTME25 |

| Input | |
|---|--|
| Rated input voltage | 100...240 V AC (auto-select) |
| Input voltage range AC | 85...132 V AC, 187...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 1.4 A @ 230 V AC, 2.5 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 4 A / < 25 A (230 V AC) |
| Recommended back-up fuse | 6...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 48 V DC ± 1 % |
| Output voltage | 48...56 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{SS} @ 48 V DC, I _{Nom} |
| Rated (nominal) output current @ U _{Nom} | 4 A @ 40 °C |
| Continuous output current @ 24 V DC | 4 A @ 40 °C, 2.5 A @ 60 °C, 1.7 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 90 % @ 230 V AC |
| AC failure bridging time @ I _{Nom} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 110 / 54 / 110 mm |
| Weight | 0.7 kg |
| Approvals | |
| Approvals | BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Connection data | |
|---------------------------------------|---------------------------|
| Wire connection method | Screw connection |
| Number of terminals | 3 for L/N/PE |
| Wire cross-section, rigid min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, flexible min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, AWG/kcmil min/max | 24 / 12 |
| Note | |

| Input | Output |
|------------------|------------------|
| Screw connection | Screw connection |
| 3 for L/N/PE | 2 (+ / -) |
| 0.5 / 2.5 | 1 / 2.5 |
| 0.5 / 2.5 | 0.5 / 2.5 |
| 24 / 12 | 24 / 12 |

| Input | Output |
|------------------|--------------------|
| Screw connection | Screw connection |
| 3 for L/N/PE | 7 (+ / - / Signal) |
| 0.5 / 2.5 | 1 / 2.5 |
| 0.5 / 2.5 | 0.5 / 2.5 |
| 24 / 12 | 24 / 12 |

Ordering data

| Type | Qty. | Order No. |
|---------------------|------|------------|
| CP T SNT 90W 48V 2A | 1 | 1194420000 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| CP T SNT 90W 48V 2A | 1 | 1194420000 |

| Type | Qty. | Order No. |
|----------------------|------|------------|
| CP T SNT 180W 48V 4A | 1 | 1105850000 |

Note

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

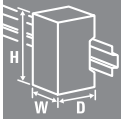
The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

Accessories

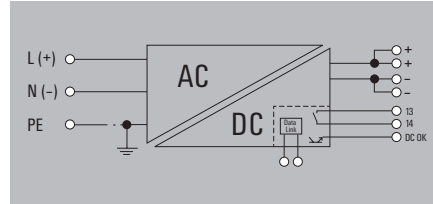
Note

connectPower PRO-H

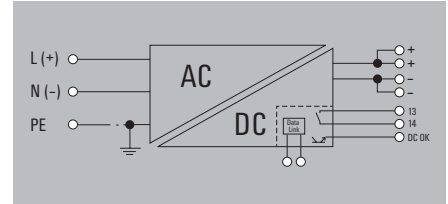
connectPower PRO-H



CP T SNT 360W 48V 7.5A



CP T SNT 600W 48V 12.5A



Technical data

| Input | |
|--|--|
| Rated input voltage | 100...240 V AC (auto-select) |
| Input voltage range AC | 85...132 V AC, 187...264 V AC |
| Frequency range AC | 47...63 Hz |
| AC current consumption | 2.5 A @ 230 V AC, 5 A @ 115 V AC |
| Input fuse (internal) / Inrush current | 6.3 A / < 25 A (230 V AC) |
| Recommended back-up fuse | 10...16 A, char. B, circuit breaker |
| Output | |
| Rated output voltage | 48 V DC ± 1 % |
| Output voltage | 48...56 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{SS} @ 48 V DC, I _{Nenn} |
| Rated (nominal) output current @ U _{Nenn} | 7.5 A @ 40 °C |
| Continuous output current @ 24 V DC | 7.5 A @ 40 °C, 5 A @ 60 °C, 3.3 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 89 % @ 230 V AC |
| AC failure bridging time @ I _{Nenn} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| Parallel connection option | yes, max. 5 |
| Depth x width x height | 125 / 80 / 125 mm |
| Weight | 1.1 kg |
| Approvals | |
| Approvals | BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Input | | Output | |
|--|-------------------------------------|--|--|
| Rated input voltage | 100...240 V AC (auto-select) | Rated output voltage | 48 V DC ± 1 % |
| Input voltage range AC | 85...132 V AC, 187...264 V AC | Output voltage | 48...56 V DC (adjustable via potentiometer on front) |
| Frequency range AC | 47...63 Hz | Residual ripple, breaking spikes | 100 mV _{SS} @ 48 V DC, I _{Nenn} |
| AC current consumption | 2.5 A @ 230 V AC, 5 A @ 115 V AC | Rated (nominal) output current @ U _{Nenn} | 7.5 A @ 40 °C |
| Input fuse (internal) / Inrush current | 6.3 A / < 25 A (230 V AC) | Continuous output current @ 24 V DC | 7.5 A @ 40 °C, 5 A @ 60 °C, 3.3 A @ 70 °C |
| Recommended back-up fuse | 10...16 A, char. B, circuit breaker | Degree of efficiency | typ. 89 % @ 230 V AC |
| | | AC failure bridging time @ I _{Nenn} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| | | Parallel connection option | yes, max. 5 |
| | | Depth x width x height | 125 / 80 / 125 mm |
| | | Weight | 1.1 kg |
| | | Approvals | BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Input | | Output | |
|--|-------------------------------------|--|--|
| Rated input voltage | 100...240 V AC (auto-select) | Rated output voltage | 48 V DC ± 1 % |
| Input voltage range AC | 85...132 V AC, 187...264 V AC | Output voltage | 48...56 V DC (adjustable via potentiometer on front) |
| Frequency range AC | 47...63 Hz | Residual ripple, breaking spikes | 100 mV _{SS} @ 48 V DC, I _{Nenn} |
| AC current consumption | 5 A @ 230 V AC, 10 A @ 115 V AC | Rated (nominal) output current @ U _{Nenn} | 12.5 A @ 40 °C |
| Input fuse (internal) / Inrush current | 12 A / < 30 A (230 V AC) | Continuous output current @ 24 V DC | 12.5 A @ 40 °C, 10 A @ 60 °C, 7.5 A @ 70 °C |
| Recommended back-up fuse | 16...25 A, char. B, circuit breaker | Degree of efficiency | typ. 91 % @ 230 V AC |
| | | AC failure bridging time @ I _{Nenn} | min. 20 ms @ 230 V AC, min. 10 ms @ 115 V AC |
| | | Parallel connection option | yes, max. 5 |
| | | Depth x width x height | 125 / 165 / 125 mm |
| | | Weight | 2.8 kg |
| | | Approvals | BVATEX; CE; CSA; cULus; cURus; GOSTME25 |

| Connection data | |
|---------------------------------------|---------------------------|
| Wire connection method | Screw connection |
| Number of terminals | 3 for L/N/PE |
| Wire cross-section, rigid min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, flexible min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, AWG/kcmil min/max | 24 / 12 |
| Note | |

| Input | Output |
|---------------------------------------|---------------------------|
| Wire connection method | Screw connection |
| Number of terminals | 7 (+ / - / Signal) |
| Wire cross-section, rigid min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, flexible min/max | 0.5 / 2.5 mm ² |
| Wire cross-section, AWG/kcmil min/max | 24 / 12 |
| Note | |

| Input | Output |
|---------------------------------------|-----------------------|
| Wire connection method | Screw connection |
| Number of terminals | 7 (+ / - / Signal) |
| Wire cross-section, rigid min/max | 1 / 4 mm ² |
| Wire cross-section, flexible min/max | 1 / 4 mm ² |
| Wire cross-section, AWG/kcmil min/max | 18 / 10 |
| Note | |

Ordering data

| Type | Qty. | Order No. |
|------------------------|------|------------|
| CP T SNT 360W 48V 7,5A | 1 | 1105860000 |

| Type | Qty. | Order No. |
|------------------------|------|------------|
| CP T SNT 360W 48V 7,5A | 1 | 1105860000 |

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| CP T SNT 600W 48V 12,5A | 1 | 1105870000 |

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

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

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

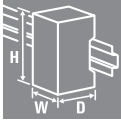
Accessories

Note

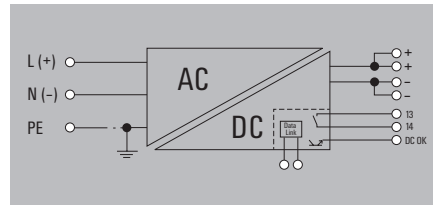
Note

Note

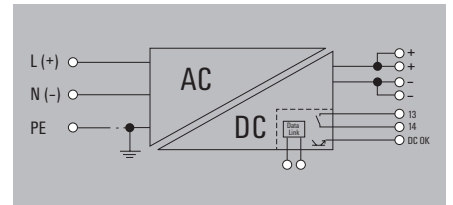
connectPower
PRO-H



CP T SNT2 180W 24V 7.5A



CP T SNT2 360W 24V 15A



Technical data

| Input | |
|---|--|
| Rated input voltage | 100...500 V AC (switchable) |
| Input voltage range AC | 85...132 V AC, 187...550 V AC |
| Frequency range AC | 50 / 60 Hz |
| AC current consumption | |
| Input fuse (internal) / Inrush current | |
| Recommended back-up fuse | |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 7.5 A @ 40 °C |
| Continuous output current @ 24 V DC | 7.5 A @ 40 °C, 5 A @ 60 °C, 3.3 A @ 70 °C |
| General data | |
| Degree of efficiency | typ. 88 % |
| AC failure bridging time @ I _{nom} | min. 20 ms |
| Parallel connection option | Yes |
| Depth x width x height | 110 / 54 / 110 mm |
| Weight | 0.7 kg |
| Approvals | |
| Approvals | CE |

| Input | |
|---|--|
| Rated input voltage | 100...500 V AC (switchable) |
| Input voltage range AC | 85...132 V AC, 187...550 V AC |
| Frequency range AC | 50 / 60 Hz |
| AC current consumption | |
| Input fuse (internal) / Inrush current | |
| Recommended back-up fuse | |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 15 A @ 40 °C |
| Continuous output current @ 24 V DC | 15 A @ 40 °C, 6.7 A @ 70 °C, 10 A @ 60 °C |
| General data | |
| Degree of efficiency | typ. 88 % |
| AC failure bridging time @ I _{nom} | min. 20 ms |
| Parallel connection option | Yes |
| Depth x width x height | 125 / 80 / 125 mm |
| Weight | 1.1 kg |
| Approvals | |
| Approvals | CE |

| Input | |
|---|--|
| Rated input voltage | 100...500 V AC (switchable) |
| Input voltage range AC | 85...132 V AC, 187...550 V AC |
| Frequency range AC | 50 / 60 Hz |
| AC current consumption | |
| Input fuse (internal) / Inrush current | |
| Recommended back-up fuse | |
| Output | |
| Rated output voltage | 24 V DC ± 1 % |
| Output voltage | 24...28 V DC (adjustable via potentiometer on front) |
| Residual ripple, breaking spikes | 100 mV _{pp} @ 24 V DC, I _{nom} |
| Rated (nominal) output current @ U _{nom} | 15 A @ 40 °C |
| Continuous output current @ 24 V DC | 15 A @ 40 °C, 6.7 A @ 70 °C, 10 A @ 60 °C |
| General data | |
| Degree of efficiency | typ. 88 % |
| AC failure bridging time @ I _{nom} | min. 20 ms |
| Parallel connection option | Yes |
| Depth x width x height | 125 / 80 / 125 mm |
| Weight | 1.1 kg |
| Approvals | |
| Approvals | CE |

| Connection data | |
|--|-----------------------|
| Wire connection method | Screw connection |
| Number of terminals | 3 for L/N/PE |
| Wire cross-section, rigid min/max | 1 / 4 mm ² |
| Wire cross-section, flexible min/max | 1 / 4 mm ² |
| Wire cross-section, AWG/kcmil min/max | 18 / 10 |
| Note | |
| The device is suitable for single-phase and two-phase operation. | |

| Input | Output |
|--|-----------------------|
| Wire connection method | Screw connection |
| Number of terminals | 4 (++ / -) |
| Wire cross-section, rigid min/max | 1 / 4 mm ² |
| Wire cross-section, flexible min/max | 1 / 4 mm ² |
| Wire cross-section, AWG/kcmil min/max | 18 / 10 |
| Note | |
| The device is suitable for single-phase and two-phase operation. | |

| Input | Output |
|--|-----------------------|
| Wire connection method | Screw connection |
| Number of terminals | 4 (++ / -) |
| Wire cross-section, rigid min/max | 1 / 4 mm ² |
| Wire cross-section, flexible min/max | 1 / 4 mm ² |
| Wire cross-section, AWG/kcmil min/max | 18 / 10 |
| Note | |
| The device is suitable for single-phase and two-phase operation. | |

Ordering data

| Type | Qty. | Order No. |
|----------------------------|------|------------|
| CP T SNT2 180 W 24 V 7,5 A | 1 | 1194480000 |

| Type | Qty. | Order No. |
|----------------------------|------|------------|
| CP T SNT2 180 W 24 V 7,5 A | 1 | 1194480000 |

| Type | Qty. | Order No. |
|---------------------------|------|------------|
| CP T SNT2 360 W 24 V 15 A | 1 | 1194490000 |

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.

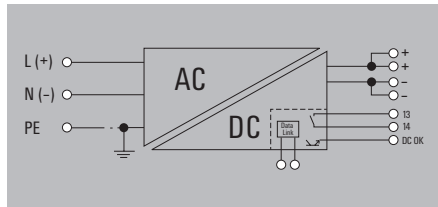
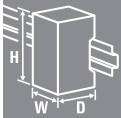
Accessories

Note

connectPower PRO-H

connectPower PRO-H

CP T SNT2 600W 24V 25A



Technical data

| |
|--|
| Input |
| Rated input voltage |
| Input voltage range AC |
| Frequency range AC |
| AC current consumption |
| Input fuse (internal) / Inrush current |
| Recommended back-up fuse |
| Output |
| Rated output voltage |
| Output voltage |
| Residual ripple, breaking spikes |
| Rated (nominal) output current @ U_{nom} |
| Continuous output current @ 24 V DC |
| General data |
| Degree of efficiency |
| AC failure bridging time @ I_{nom} |
| Parallel connection option |
| Depth x width x height |
| Weight |
| Approvals |
| Approvals |

| |
|--|
| 100...500 V AC (switchable) |
| 85...132 V AC, 187...550 V AC |
| 50 / 60 Hz |
| / < 50 A @ 230 V AC |
| 24 V DC \pm 1 % |
| 24...28 V DC (adjustable via potentiometer on front) |
| 100 mV _{pp} @ 24 V DC, I_{nom} |
| 25 A @ 40 °C |
| 25 A @ 40 °C, 20 A @ 40 °C, 13.3 A @ 70 °C |
| typ. 88 % |
| min. 20 ms |
| Yes |
| 125 / 190 / 125 mm |
| 3 kg |
| CE |

| | |
|---------------------------------------|-----------------|
| Connection data | |
| Wire connection method | |
| Number of terminals | |
| Wire cross-section, rigid min/max | mm ² |
| Wire cross-section, flexible min/max | mm ² |
| Wire cross-section, AWG/kcmil min/max | |
| Note | |

| | |
|--|------------------|
| Input | Output |
| Screw connection | Screw connection |
| 3 for L/N/PE | 5 (++ / -) |
| 1 / 4 | 2.5 / 4 |
| 1 / 4 | 2.5 / 4 |
| 18 / 10 | 12 / 10 |
| The device is suitable for single-phase and two-phase operation. | |

Ordering data

| |
|--|
| |
|--|

| | | |
|---------------------------|-------------|-------------------|
| Type | Qty. | Order No. |
| CP T SNT2 600 W 24 V 25 A | 1 | 1194310000 |

Note

| |
|--|
| |
|--|

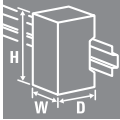
The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

Accessories

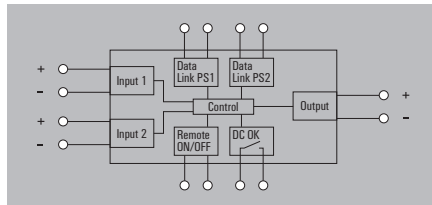
| |
|-------------|
| Note |
|-------------|

| |
|--|
| |
|--|

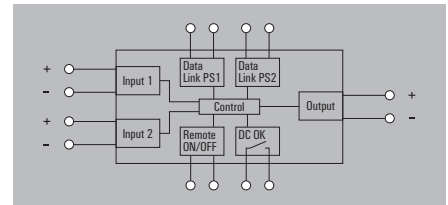
connectPower
PRO-H



CPT RM 10



CP T RM 20



Technical data

| |
|--|
| Input |
| Rated input voltage |
| Input voltage range AC |
| Frequency range AC |
| AC current consumption |
| Input fuse (internal) / Inrush current |
| Recommended back-up fuse |
| Output |
| Rated output voltage |
| Output voltage |
| Residual ripple, breaking spikes |
| Rated (nominal) output current @ U_{nom} |
| Continuous output current @ 24 V DC |
| General data |
| Degree of efficiency |
| AC failure bridging time @ I_{nom} |
| Parallel connection option |
| Depth x width x height |
| Weight |
| Approvals |
| Approvals |

| |
|--|
| 24 V DC |
| 24 V DC \pm 1 % |
| 24...28 V DC (adjustable via potentiometer on front) |
| 100 mV _{pp} @ 24 V DC, I_{nom} |
| 15 A @ 40 °C |
| 110 / 35 / 110 mm |
| 0.4 kg |
| CE; CSA; cURus; GOSTME25 |

| |
|--|
| 24 V DC |
| 24 V DC \pm 1 % |
| 24...28 V DC (adjustable via potentiometer on front) |
| 100 mV _{pp} @ 24 V DC, I_{nom} |
| 25 A @ 40 °C |
| 110 / 54 / 110 mm |
| 0.45 kg |
| CE; CSA; cURus; GOSTME25 |

| | |
|---------------------------------------|-----------------|
| Connection data | |
| Wire connection method | |
| Number of terminals | |
| Wire cross-section, rigid min/max | mm ² |
| Wire cross-section, flexible min/max | mm ² |
| Wire cross-section, AWG/kcmil min/max | |
| Note | |

| Input | Output |
|---------|------------|
| 4 (++-) | 4 (++ / -) |
| 1 / 4 | 2.5 / 4 |
| 1 / 4 | 2.5 / 4 |
| 18 / 10 | 12 / 10 |

| Input | Output |
|---------|------------|
| 4 (++-) | 4 (++ / -) |
| 1 / 4 | 2.5 / 4 |
| 1 / 4 | 2.5 / 4 |
| 18 / 10 | 12 / 10 |

Ordering data

| Type | Qty. | Order No. |
|-----------|------|------------|
| CPT RM 10 | 1 | 1105880000 |

| Type | Qty. | Order No. |
|------------|------|------------|
| CP T RM 20 | 1 | 1105890000 |

| Type | Qty. | Order No. |
|------------|------|------------|
| CP T RM 20 | 1 | 1105890000 |

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

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

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

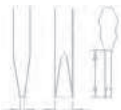
Accessories

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

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

| |
|-------------|
| 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 |

Large screwdriver



| Type | Blade type | Size/AF | a | b | c | Order No. |
|------------------|------------|---------|---|-----|-----|------------|
| SDIK PH2 | | 2.00 | | | 100 | 9008580000 |
| SDIS 1.0X5.5X125 | B | | 1 | 5.5 | 125 | 9008410000 |

Markers



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

End bracket

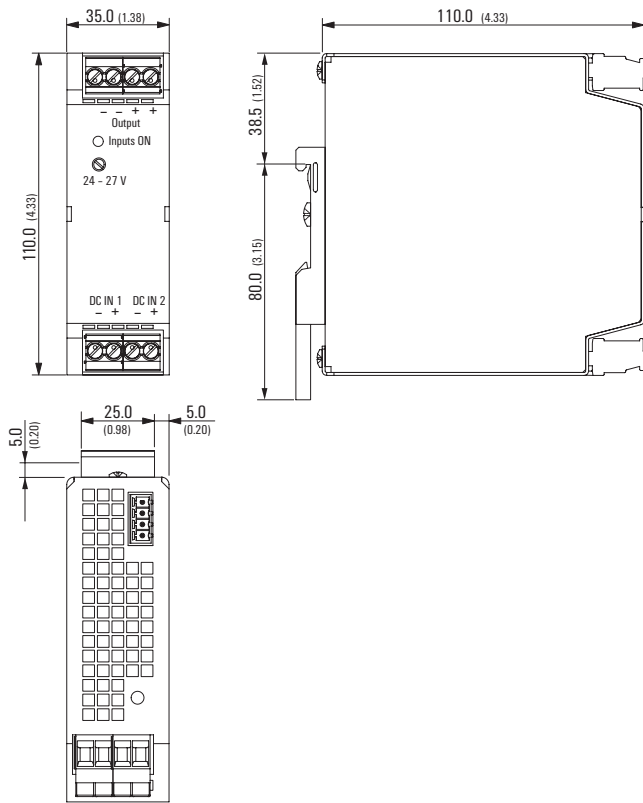
For DIN rail TS 35



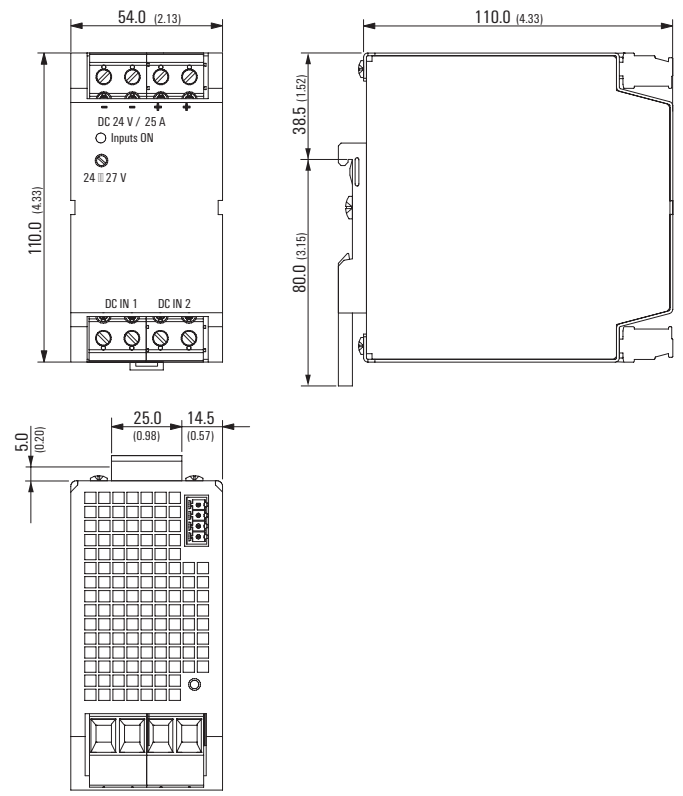
| Polyamide with fibre glass, screwable | Colour | Torque | Qty. | Order No. |
|---------------------------------------|--------|--------|------|------------|
| WEW 35/1 SW | black | 1.2 Nm | 50 | 1162600000 |

PRO-H Dimensional drawings

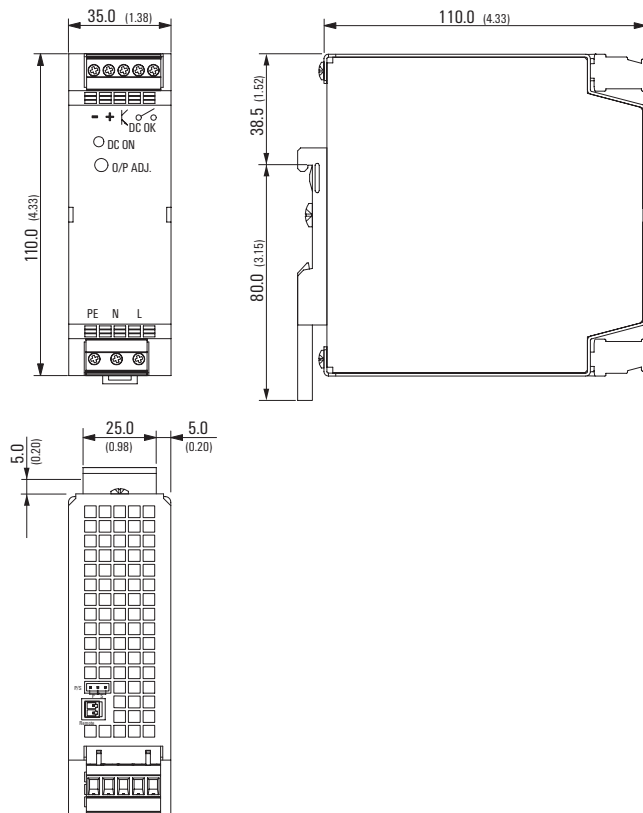
CP T RM 10



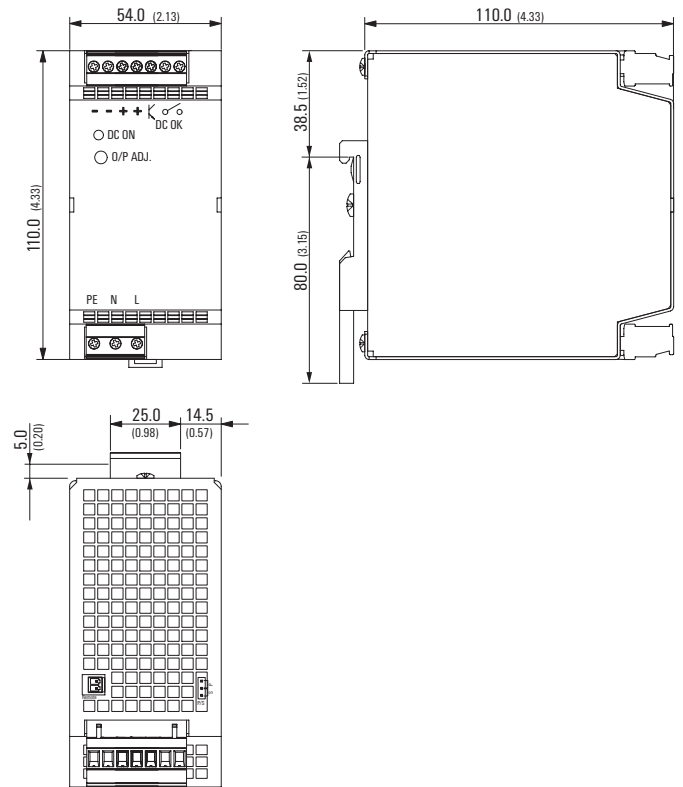
CP T RM 20



CP T SNT 70 W / 90 W

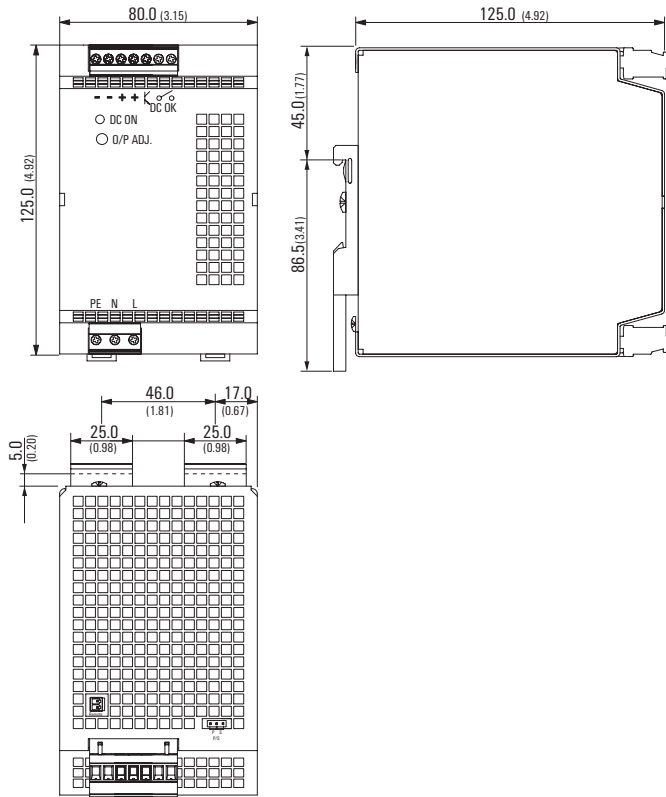


CP T SNT 180 W / 140 W

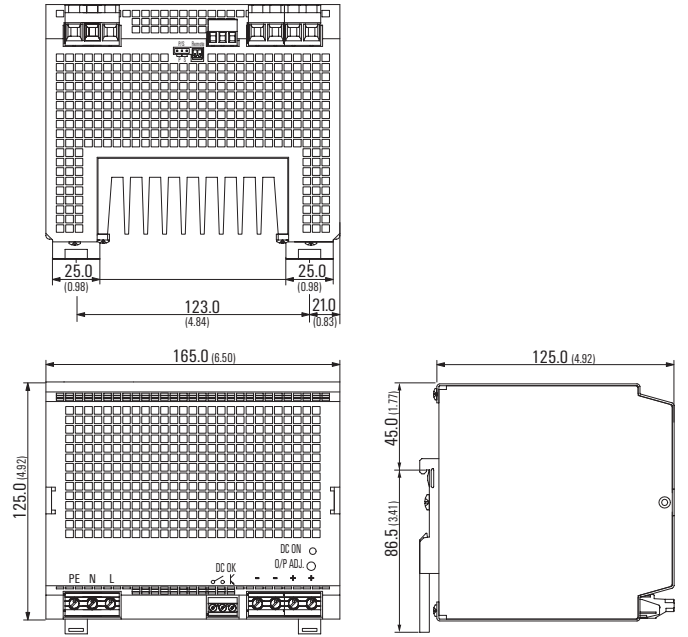


PRO-H Dimensional drawings

CP T SNT 360 W / 480 W



CP T SNT 600 W / 960 W



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [weidmuller](#) manufacturer:

Other Similar products are found below :

[8924550000](#) [56956](#) [0133660000](#) [6720000227](#) [6720005111](#) [68676](#) [69718](#) [EXO24CH](#) [7940000218](#) [8005181001](#) [8008180000](#) [8432240000](#)
[8463580000](#) [8545830000](#) [8689870000](#) [8705640000](#) [9001080000](#) [9003720000](#) [9004250000](#) [9004780000](#) [9013260000](#) [9014100000](#)
[9019040000](#) [9026010000](#) [9028630000](#) [903708](#) [9037350000](#) [9046290000](#) [9129643500](#) [913155](#) [9159530000](#) [919656](#) [919764](#) [9202230000](#)
[9202850000](#) [9204260000](#) [9456750000](#) [9457913000](#) [980811](#) [980826](#) [9912800003](#) [9916080000](#) [9916280012](#) [9918380000](#) [9919371205](#)
[9919371224](#) [9925710000](#) [9926252005](#) [9927480024](#) [1166660000](#)