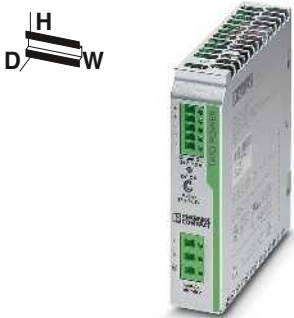


Power supply units

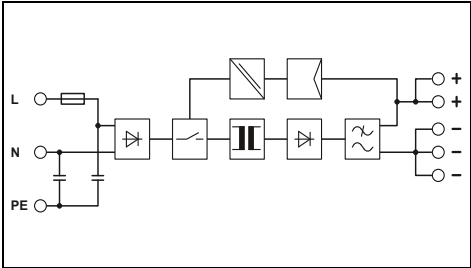
TRIO POWER power supply units – basic functionality at the highest level

TRIO POWER, 1 AC, 24 V DC

- Rugged design with metal housing and wide temperature range of -25 to +70°C
- Third negative terminal block for grounding on the secondary side
- Maximum availability thanks to high MTBF (Mean Time Between Failures) of more than 500,000 hours and high dielectric strength of up to 300 V AC
- Compensation of voltage drops by means of output voltage of 22.5 to 29.5 V DC that can be adjusted on the front



Power supply,
1 AC, 24 V DC, 2.5 A



Technical data

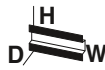
Input data	
Nominal input voltage range	100 V AC ... 240 V AC
Input voltage range AC	85 V AC ... 264 V AC
Frequency range	45 Hz ... 65 Hz
Current consumption (nominal load)	0.95 A (120 V AC) / 0.5 A (230 V AC)
Inrush current limitation at 25°C (typ.) / I²t	< 15 A / 0.5 A²s
Mains buffering (I _N , typ.)	> 20 ms (120 V AC) / > 100 ms (230 V AC)
Output data	
Nominal output voltage	24 V DC ±1%
Setting range of the output voltage	22.5 V DC ... 29.5 V DC (> 24 V constant capacity)
Output current	2.5 A
Can be connected in parallel / series	Yes / Yes
Max. power dissipation (no load / nominal load)	0.8 W / 10 W
Efficiency (typ.)	> 86 % (for 230 V AC and nominal values)
Residual ripple	< 30 mV _{pp}
Signaling	
Signaling DC OK	LED
General data	
Weight / Dimensions W x H x D	0.5 kg / 32 x 130 x 115 mm
Spacing when mounting	Can be aligned: Horizontally 0 mm, vertically 50 mm
Connection method	Screw connection
Input connection data (solid/stranded/AWG)	0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
Output connection data (solid/stranded/AWG)	0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
Degree of protection / Protection class	IP20 / I, with PE connection
MTBF (EN 29500, 40°C)	> 2054000 h
Ambient temperature (operation)	-25 °C ... 70 °C (> 55° C derating)
Standards/regulations	
Insulation voltage input/output	2 kV AC (routine test) / 4 kV AC (type test)
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Electrical safety	EN 60950-1/VDE 0805 (SELV)
Electronic equipm. for electrical power installations	EN 50178/VDE 0160 (PELV)
Safe isolation	DIN VDE 0100-410, DIN VDE 0106-1010
UL approvals	UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950
Limitation of harmonic line currents	EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 1AC/24DC/ 2.5	2866268	1



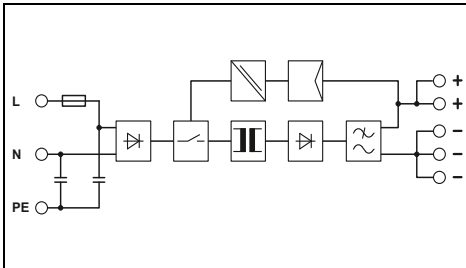
Power supply,
1 AC, 24 V DC, 5 A



Power supply,
1 AC, 24 V DC, 10 A



Power supply,
1 AC, 24 V DC, 20 A



Technical data

100 V AC ... 240 V AC
85 V AC ... 264 V AC
45 Hz ... 65 Hz
1.65 A (120 V AC) / 0.9 A (230 V AC)
< 15 A / 1.1 A²s
> 20 ms (120 V AC) / > 110 ms (230 V AC)

24 V DC $\pm 1\%$
22.5 V DC ... 29.5 V DC (> 24 V constant capacity)

5 A
Yes / Yes
1.1 W / 18 W
> 89 % (for 230 V AC and nominal values)
< 20 mV_{PP}

LED

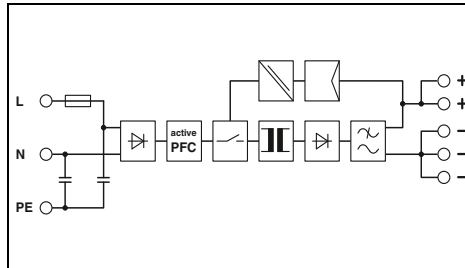
0.6 kg / 40 x 130 x 115 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
IP20 / I, with PE connection
> 2031000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 1AC/24DC/ 5	2866310	1



Technical data

100 V AC ... 240 V AC
85 V AC ... 264 V AC
45 Hz ... 65 Hz
3 A (100 V AC) / 1.5 A (240 V AC)
< 15 A / 0.7 A²s
> 24 ms (120 V AC) / > 24 ms (230 V AC)

24 V DC $\pm 1\%$
22.5 V DC ... 29.5 V DC (> 24 V constant capacity)

10 A
Yes / Yes
6.7 W / 30 W
> 89 % (for 230 V AC and nominal values)
< 10 mV_{PP}

LED

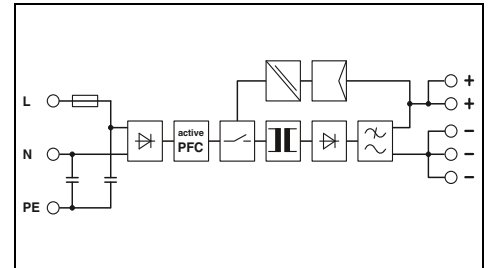
1.4 kg / 60 x 130 x 152.5 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
IP20 / I, with PE connection
> 981000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 1AC/24DC/10	2866323	1



Technical data

100 V AC ... 240 V AC
85 V AC ... 264 V AC
45 Hz ... 65 Hz
4.6 A (120 V AC) / 2.4 A (230 V AC)
< 15 A / 1.4 A²s
> 13 ms (120 V AC) / > 13 ms (230 V AC)

24 V DC $\pm 1\%$
22.5 V DC ... 29.5 V DC (> 24 V constant capacity)

20 A
Yes / Yes
4 W / 46 W
> 91 % (for 230 V AC and nominal values)
< 10 mV_{PP}

LED

2.2 kg / 115 x 130 x 152.5 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
0.5 - 6 mm² / 0.5 - 4 mm² / 20 - 10
IP20 / I, with PE connection
> 915000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 1AC/24DC/20	2866381	1

Power supply units and UPS

Power supply units

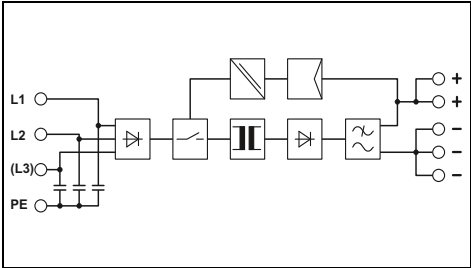
TRIO POWER power supply units – basic functionality at the highest level

TRIO POWER, 3 AC, 24 V DC

- Rugged design with metal housing and wide temperature range of -25 to +70°C
- Third negative terminal block for grounding on the secondary side
- Maximum availability thanks to high MTBF (Mean Time Between Failures) of more than 500,000 hours
- Compensation of voltage drops by means of output voltage of 22.5 to 29.5 V DC that can be adjusted on the front



Power supply,
3 AC, 24 V DC, 5 A



Input data	
Nominal input voltage range	2x / 3x 400 V AC ... 500 V AC
Input voltage range AC	320 V AC ... 575 V AC
Frequency range	45 Hz ... 65 Hz
Current consumption (nominal load)	3x 0.3 A (400 V AC) / 3x 0.25 A (500 V AC)
Inrush current limitation at 25°C (typ.) / I²t	< 15 A / 0.2 A²s
Mains buffering (I _{in} , typ.)	> 20 ms (400 V AC) / > 30 ms (480 V AC)
Output data	
Nominal output voltage	24 V DC ±1%
Setting range of the output voltage	22.5 V DC ... 29.5 V DC (> 24 V constant capacity)
Output current	
Can be connected in parallel / series	5 A
Max. power dissipation (no load / nominal load)	Yes / Yes
Efficiency (typ.)	4 W / 15 W
Residual ripple	> 89 % (at 400 V AC and nominal values)
Signaling	
Signaling DC OK	< 30 mV _{pp}
LED	
General data	
Weight / Dimensions W x H x D	0.6 kg / 40 x 130 x 115 mm
Spacing when mounting	Can be aligned: Horizontally 0 mm, vertically 50 mm
Connection method	Screw connection
Input connection data (solid/stranded/AWG)	0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
Output connection data (solid/stranded/AWG)	0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 16 - 12
Degree of protection / Protection class	IP20 / I, with PE connection
MTBF (EN 29500, 40°C)	> 1474000 h
Ambient temperature (operation)	-25 °C ... 70 °C (> 55° C derating)
Standards/regulations	
Insulation voltage input/output	2 kV AC (routine test) / 4 kV AC (type test)
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Electrical safety	EN 60950-1/VDE 0805 (SELV)
Electronic equipm. for electrical power installations	EN 50178/VDE 0160 (PELV)
Safe isolation	DIN VDE 0100-410 , DIN VDE 0106-1010
UL approvals	UL/C-UL listed UL 508 , UL/C-UL Recognized UL 60950
Limitation of harmonic line currents	
EN 61000-3-2	

Technical data	
24 V DC ±1%	
22.5 V DC ... 29.5 V DC (> 24 V constant capacity)	
5 A	
Yes / Yes	
4 W / 15 W	
> 89 % (at 400 V AC and nominal values)	
< 30 mV _{pp}	
LED	
0.6 kg / 40 x 130 x 115 mm	
Can be aligned: Horizontally 0 mm, vertically 50 mm	
Screw connection	
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14	
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 16 - 12	
IP20 / I, with PE connection	
> 1474000 h	
-25 °C ... 70 °C (> 55° C derating)	
2 kV AC (routine test) / 4 kV AC (type test)	
Conformance with EMC Directive 2004/108/EC	
EN 60950-1/VDE 0805 (SELV)	
EN 50178/VDE 0160 (PELV)	
DIN VDE 0100-410 , DIN VDE 0106-1010	
UL/C-UL listed UL 508 , UL/C-UL Recognized UL 60950	
EN 61000-3-2	

Ordering data	
Description	
Power supply unit, primary-switched	

Ordering data		
Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 3AC/24DC/ 5	2866462	1



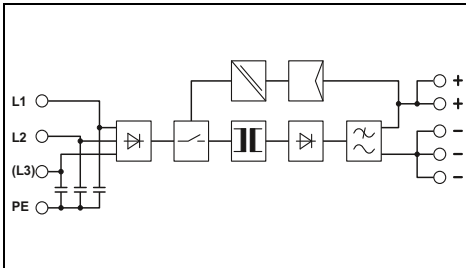
Power supply,
3 AC, 24 V DC, 10 A



Power supply,
3 AC, 24 V DC, 20 A



Power supply unit,
3 AC, 24 V DC, 40 A



Technical data

2x / 3x 400 V AC ... 500 V AC
320 V AC ... 575 V AC
45 Hz ... 65 Hz
3x 0.6 A (400 V AC) / 3x 0.5 A (480 V AC)
< 15 A / 0.2 A²s
> 20 ms (400 V AC) / > 25 ms (480 V AC)

24 V DC $\pm 1\%$
22.5 V DC ... 29.5 V DC (> 24 V constant capacity)

10 A
Yes / Yes
6 W / 28 W
> 89 % (at 400 V AC and nominal values)
< 10 mV_{PP}

LED

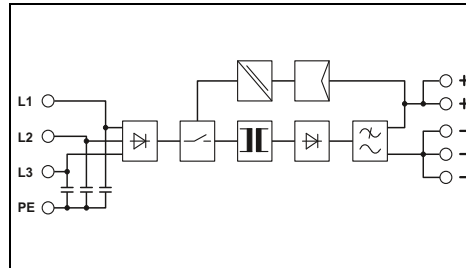
1.3 kg / 60 x 130 x 152.5 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 16 - 12
IP20 / I, with PE connection
> 1156000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 3AC/24DC/10	2866459	1



Technical data

3x 400 V AC ... 500 V AC
320 V AC ... 575 V AC
45 Hz ... 65 Hz
3x 1.1 A (400 V AC) / 3x 0.8 A (480 V AC)
< 15 A / 0.5 A²s
> 17 ms (400 V AC) / > 20 ms (480 V AC)

24 V DC $\pm 1\%$
22.5 V DC ... 29.5 V DC (> 24 V constant capacity)

20 A
Yes / Yes
< 6 W / < 48 W
> 91 % (at 400 V AC and nominal values)
< 10 mV_{PP}

LED

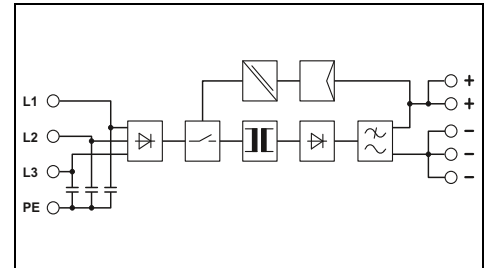
2 kg / 115 x 130 x 152.5 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
0.5 - 6 mm² / 0.5 - 4 mm² / 12 - 10
IP20 / I, with PE connection
> 1190000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 3AC/24DC/20	2866394	1



Technical data

3x 400 V AC ... 500 V AC
320 V AC ... 575 V AC
45 Hz ... 65 Hz
3x 2 A (400 V AC) / 3x 1.6 A (480 V AC)
< 20 A / 1.3 A²s
> 16 ms (400 V AC) / > 20 ms (480 V AC)

24 V DC $\pm 1\%$
22.5 V DC ... 29.5 V DC (> 24 V constant capacity)

40 A
Yes / Yes
16 W / 91 W
> 91.5 % (at 400 V AC and nominal values)
< 20 mV_{PP}

LED

2.9 kg / 139 x 130 x 190 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 6 mm² / 0.2 - 4 mm² / 22 - 10
0.5 - 16 mm² / 0.5 - 10 mm² / 8 - 6
IP20 / I, with PE connection
> 930000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 3AC/24DC/40	2866404	1

Power supply units and UPS

Power supply units

TRIO POWER power supply units – basic functionality at the highest level

TRIO POWER, 600 V DC, 24 V DC

- Connection to 600 V DC intermediate circuits of frequency inverters: in the event of a line supply failure, 24 V loads are supplied using the kinetic energy of the motor. In this way, the motor acts as a generator and supplies energy to the intermediate circuits (e.g., in plastic injection molding machines).



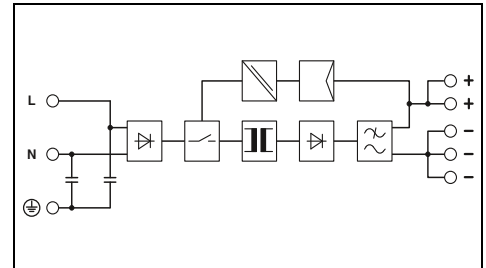
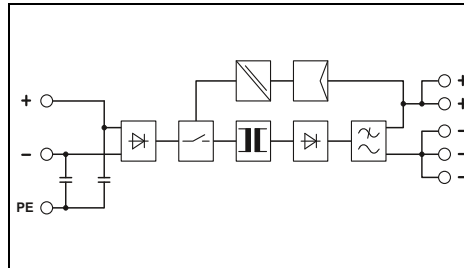
Power supply,
600 V DC, 24 V DC, 20 A



Power supply,
1 AC, 12 V DC, 5 A

TRIO POWER, 1 AC, 12 V DC and 48 V DC

- Adjustable output voltage of 10 to 18 V DC, or 30 to 56 V DC



Technical data

Input data	
Nominal input voltage range	600 V DC
Input voltage range AC/DC	- / 450 V DC ... 840 V DC
Frequency range	- / 0 Hz
Current consumption (nominal load)	0.9 A (600 V DC)
Inrush current limitation at 25°C (typ.) / I ² t	< 26 A / 0.8 A ² s
Mains buffering (I _N , typ.)	> 15 ms (600 V DC)
Output data	
Nominal output voltage	24 V DC ±1%
Setting range of the output voltage	22.5 V DC ... 29.5 V DC (U _{IN} > 475 V DC) 22.5 V DC ... 28 V DC (U _{IN} ≤ 475 V DC)
Output current	20 A
Can be connected in parallel / series	Yes / Yes
Max. power dissipation (no load / nominal load)	3.8 W / 45 W
Efficiency (typ.)	> 91 % (With 600 V DC and nominal values)
Residual ripple	< 40 mV _{pp}
Signaling	
Signaling DC OK	LED
General data	
Weight / Dimensions W x H x D	2 kg / 115 x 130 x 152.5 mm
Spacing when mounting	Can be aligned: Horizontally 0 mm, vertically 50 mm
Connection method	Screw connection
Input connection data (solid/stranded/AWG)	0.2 - 2.5 mm ² / 0.2 - 2.5 mm ² / 24 - 14
Output connection data (solid/stranded/AWG)	0.5 - 6 mm ² / 0.5 - 4 mm ² / 12 - 10
Degree of protection / Protection class	IP20 / I, with PE connection
MTBF (EN 29500, 40°C)	> 701147 h
Ambient temperature (operation)	-25 °C ... 70 °C (> 55° C derating)
Standards/regulations	
Insulation voltage input/output	2 kV AC (routine test) / 4 kV AC (type test)
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Electrical safety	EN 60950-1/VDE 0805 (SELV)
Electronic equipm. for electrical power installations	EN 50178/VDE 0160 (PELV)
Safe isolation	DIN VDE 0100-410 , DIN VDE 0106-1010
UL approvals	UL/C-UL listed UL 508 , UL/C-UL Recognized UL 60950
Limitation of harmonic line currents	EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/600DC/24DC/20	2866530	1

Technical data

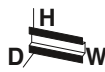
Input data	
Nominal input voltage range	100 V AC ... 240 V AC
Input voltage range AC/DC	85 V AC ... 264 V AC
Frequency range	45 Hz ... 65 Hz
Current consumption (nominal load)	1.1 A (100 V AC) / 0.5 A (240 V AC)
Inrush current limitation at 25°C (typ.) / I ² t	< 15 A / < 0.5 A ² s
Mains buffering (I _N , typ.)	> 26 ms (120 V AC) / > 100 ms (230 V AC)
Output data	
Nominal output voltage	12 V DC ±1%
Setting range of the output voltage	10 V DC ... 18 V DC (> 12 V constant capacity)
Output current	5 A
Can be connected in parallel / series	Yes / Yes
Max. power dissipation (no load / nominal load)	0.9 W / 11 W
Efficiency (typ.)	> 83 % (for 230 V AC and nominal values)
Residual ripple	< 20 mV _{pp}
Signaling	
Signaling DC OK	LED
General data	
Weight / Dimensions W x H x D	0.5 kg / 32 x 130 x 115 mm
Spacing when mounting	Can be aligned: Horizontally 0 mm, vertically 50 mm
Connection method	Screw connection
Input connection data (solid/stranded/AWG)	0.2 - 2.5 mm ² / 0.2 - 2.5 mm ² / 24 - 14
Output connection data (solid/stranded/AWG)	0.2 - 2.5 mm ² / 0.2 - 2.5 mm ² / 24 - 14
Degree of protection / Protection class	IP20 / I, with PE connection
MTBF (EN 29500, 40°C)	> 1853000 h
Ambient temperature (operation)	-25 °C ... 70 °C (> 55° C derating)
Standards/regulations	
Insulation voltage input/output	2 kV AC (routine test) / 4 kV AC (type test)
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Electrical safety	EN 60950-1/VDE 0805 (SELV)
Electronic equipm. for electrical power installations	EN 50178/VDE 0160 (PELV)
Safe isolation	DIN VDE 0100-410 , DIN VDE 0106-1010
UL approvals	UL/C-UL listed UL 508 , UL/C-UL Recognized UL 60950
Limitation of harmonic line currents	EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 1AC/12DC/ 5	2866475	1



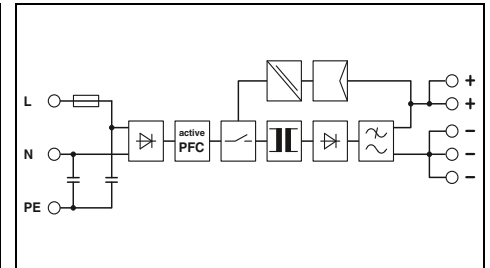
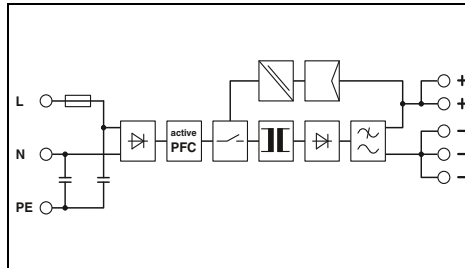
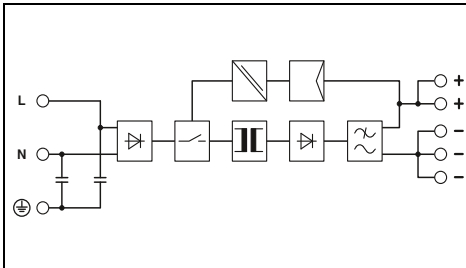
Power supply,
1 AC, 12 V DC, 10 A



Power supply,
1 AC, 48 V DC, 5 A



Power supply,
1 AC, 48 V DC, 10 A



Technical data

100 V AC ... 240 V AC
85 V AC ... 264 V AC
45 Hz ... 65 Hz
1.7 A (120 V AC) / 0.9 A (230 V AC)
< 15 A / < 1.1 A²s
> 20 ms (120 V AC) / > 86 ms (230 V AC)

12 V DC $\pm 1\%$
10 V DC ... 18 V DC (> 12 V constant capacity)

10 A
Yes / Yes
1.1 W / 18 W
> 86 % (for 230 V AC and nominal values)
< 20 mV_{PP}

LED

0.6 kg / 40 x 130 x 115 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
IP20 / I, with PE connection
> 1871000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 1AC/12DC/10	2866488	1

Technical data

100 V AC ... 240 V AC
85 V AC ... 264 V AC
45 Hz ... 65 Hz
2.5 A (120 V AC) / 1.3 A (230 V AC)
< 15 A / < 0.7 A²s
> 15 ms (120 V AC) / > 16 ms (230 V AC)

48 V DC $\pm 1\%$
30 V DC ... 56 V DC (> 48 V constant capacity)

5 A
Yes / Yes
7 W / 28 W
> 89 % (for 230 V AC and nominal values)
< 50 mV_{PP}

LED

1.4 kg / 60 x 130 x 152.5 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
IP20 / I, with PE connection
> 1337000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 1AC/48DC/ 5	2866491	1

Technical data

100 V AC ... 240 V AC
85 V AC ... 264 V AC
45 Hz ... 65 Hz
4.6 A (120 V AC) / 2.4 A (230 V AC)
< 15 A / < 1.4 A²s
> 13 ms (120 V AC) / > 18 ms (230 V AC)

48 V DC $\pm 1\%$
30 V DC ... 56 V DC (> 48 V constant capacity)

10 A
Yes / Yes
8 W / 49 W
> 91 % (for 230 V AC and nominal values)
< 50 mV_{PP}

LED

1.9 kg / 115 x 130 x 152.5 mm
Can be aligned: Horizontally 0 mm, vertically 50 mm
Screw connection
0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 14
0.5 - 6 mm² / 0.5 - 4 mm² / 20 - 10
IP20 / I, with PE connection
> 1168000 h
-25 °C ... 70 °C (> 55° C derating)

2 kV AC (routine test) / 4 kV AC (type test)
Conformance with EMC Directive 2004/108/EC
EN 60950-1/VDE 0805 (SELV)
EN 50178/VDE 0160 (PELV)
DIN VDE 0100-410, DIN VDE 0106-1010
UL Listed UL 508, UL/C-UL Recognized UL 60950

EN 61000-3-2

Ordering data

Type	Order No.	Pcs. / Pkt.
TRIO-PS/ 1AC/48DC/10	2866501	1