

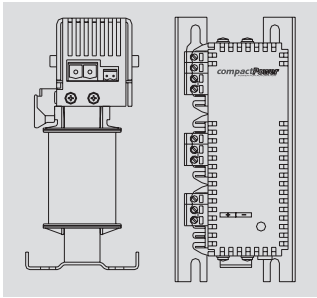
Unregulated power supplies

Compact power 3-phase

CP NT3 250

CP NT3 400

CP NT3 500



Technical data

Input

Input voltage
Input current
Frequency
No load input current
Input fuse
Ext. back-up fuse
Max. connection range

3 x 400 V +/- 5 %
0.5 A
50/ 60 Hz
0.1A
3x Thermo switch in the primary coil
3 x 1.0AT
4 x 2.5 mm² (flexible)
4 x 4.0 mm² (solid)

3 x 400 V +/- 5 %
0.75 A
50/ 60 Hz
0.11 A
3x Thermo switch in the primary coil
3 x 1.2 AT
4 x 2.5 mm² (flexible)
4 x 4.0 mm² (solid)

3 x 400 V +/- 5 %
0.9 A
50/ 60 Hz
0.13 A
3x Thermo switch in the primary coil
3 x 1.6 AT
4 x 2.5 mm² (flexible)
4 x 4.0 mm² (solid)

Output

Output voltage
Output current at 40°C
Output current at 60°C
Max. output power
Residual ripple
Back-up fuse, max.
Protective circuit
Max. connection range

24 V SELV
11A
10A
250W
< 2 %
External 10 AT
varistor
2 x 6.0 mm² 10 AWG (flexible);
2 x 6.0 mm² (solid)

24 V SELV
18A
16A
400W
< 2 %
External 16/18 AT
varistor
2 x 6.0 mm² 10 AWG (flexible);
2 x 6.0 mm² (solid)

24 V SELV
22A
20A
500W
< 2 %
External 20/22 AT
varistor
2 x 6.0 mm² 10 AWG (flexible);
2 x 6.0 mm² (solid)

Insulation coordination

Shock protection
Insulation strength
Insulation class
Protection class
Protection class

according to VBG4
4 kV
B
IP20
1

according to VBG4
4 kV
B
IP20
1

according to VBG4
4 kV
B
IP20
1

General data

Operation temperature
Storage temperature
Degree of efficiency
Mounting position horizontal
Mounting position vertical
Fan-signal
Power loss
Status display
Weight
Low voltage directive
Standards
EMC standards
Mounting rail mountability
Approvals

-20 °C...+60 °C
-20 °C...+80 °C
76%
11A @ 40 °C
10A @ 60 °C
Fan unintegrated
80W
LED green
4.7kg
73/ 23/ EWG
EN 60950, EN 61558-2-4, -6
EN 50081-1, 2; EN 61000-6-2, 3; EN
50082-1
Direct mounting
CE / cURus / cCSAus / UL/LIST

-20 °C...+60 °C
-20 °C...+80 °C
77%
18A @ 40 °C
16A @ 60 °C
Fan unintegrated
100W
LED green
6.9kg
73/ 23/ EWG
EN 60950, EN 61558-2-4, -6
EN 50081-1, 2; EN 61000-6-2, 3; EN
50082-1
Direct mounting
CE / cURus / cCSAus / UL/LIST

-20 °C...+60 °C
-20 °C...+80 °C
78%
22A @ 40 °C
20A @ 60 °C
Fan unintegrated
130W
LED green
10.0kg
73/ 23/ EWG
EN 60950, EN 61558-2-4, -6
EN 50081-1, 2; EN 61000-6-2, 3; EN
50082-1
Direct mounting
CE / cURus / cCSAus / UL/LIST

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

185.0 x 84.0 x 192.0

220.0 x 88.0 x 213.0

220.0 x 108.0 x 215.0

Information

Condensation not allowed

Condensation not allowed

Condensation not allowed

Ordering data

Type	(Qty.=1)	Order No.
CP NT3 250W 24V 10A		8628620000

Type	(Qty.=1)	Order No.
CP NT3 400W 24V 15A		8628630000

Type	(Qty.=1)	Order No.
CP NT3 500W 24V 20A		8628650000

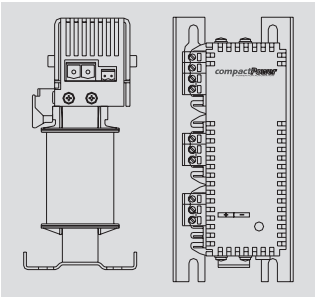
Information

Accessories

Information

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Max. connection range

Output

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Output current at 40°C
Output current at 60°C
Max. output power
Residual ripple
Back-up fuse, max.
Protective circuit
Max. connection range

Insulation coordination

Shock protection
Insulation strength
Insulation class
Protection class
Protection class

General data

Operation temperature
Storage temperature
Degree of efficiency
Mounting position horizontal
Mounting position vertical
Fan-signal
Power loss
Status display
Weight
Low voltage directive
Standards
EMC standards
Mounting rail mountability
Approvals

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

Information

Ordering data

Information

Accessories

Information

CP NT3 600



3 x 400 V +/- 5 %
1.2 A
50/ 60 Hz
0.15 A
3x Thermo switch in the primary coil
3 x 2 AT
4 x 2.5 mm² (flexible)
4 x 4.0 mm² (solid)

24 V SELV
26A
25A
600W
< 2 %
External 25/26 AT
varistor
2 x 6.0 mm² 10 AWG (flexible);
2 x 6.0 mm² (solid)

according to VBG4
4 kV
B
IP20
1

-20 °C...+60 °C
-20 °C...+80 °C
78%
26A @ 40 °C
25A @ 60 °C
Open collector <30 V/ <5 mA/ at fault
180W
LED green
11.0kg
73/ 23/ EWG
EN 60950, EN 61558-2-4, -6
EN 50081-1, 2; EN 61000-6-2, 3; EN
50082-1
Direct mounting
CE / cURus / cCSAus / UL/LIST

220.0 x 108.0 x 215.0
Condensation not allowed

Type	(Qty.=1)	Order No.
CP NT3 600W 24V 25A		8628660000

CP NT3 750



3 x 400 V +/- 5 %
1.4 A
50/ 60 Hz
0.16 A
3x Thermo switch in the primary coil
3 x 2.5 AT
4 x 2.5 mm² (flexible)
4 x 4.0 mm² (solid)

24 V SELV
32A
30A
750W
< 2 %
External 30/32 AT
varistor
2 x 6.0 mm² 10 AWG (flexible);
2 x 6.0 mm² (solid)

according to VBG4
4 kV
B
IP20
1

-20 °C...+60 °C
-20 °C...+80 °C
77%
32A @ 40 °C
30A @ 60 °C
Open Collector <30 V/ <5 mA/ at fault
230W
LED green
14.0kg
73/ 23/ EWG
EN 60950, EN 61558-2-4, -6
EN 50081-1, 2; EN 61000-6-2, 3; EN
50082-1
Direct mounting
CE / cURus / cCSAus / UL/LIST

270.0 x 121.0 x 255.0
Condensation not allowed

Type	(Qty.=1)	Order No.
CP NT3 750W 24V 30A		8628670000

CP NT3 1000



3 x 400 V +/- 5 %
1.8 A
50/ 60 Hz
0.14 A
3x Thermo switch in the primary coil
3 x 3.15 AT
4 x 2.5 mm² (flexible)
4 x 4.0 mm² (solid)

24 V SELV
42A
40A
1000W
< 2 %
External 40/42 AT
varistor
2 x 6.0 mm² 10 AWG (flexible);
2 x 6.0 mm² (solid)

according to VBG4
4 kV
B
IP20
1

-20 °C...+60 °C
-20 °C...+80 °C
77%
42A @ 40 °C
40A @ 60 °C
Open Collector <30 V/ <5 mA/ at fault
280W
LED green
18.0kg
73/ 23/ EWG
EN 60950, EN 61558-2-4, -6
EN 50081-1, 2; EN 61000-6-2, 3; EN
50082-1
Direct mounting
CE / cURus / cCSAus / UL/LIST

280.0 x 122.0 x 275.0
Condensation not allowed

Type	(Qty.=1)	Order No.
CP NT3 1000W 24V 40A		8628680000