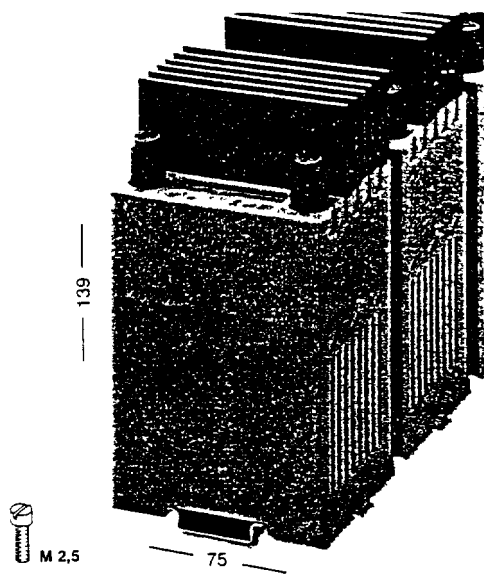


Compact Power Supply Units, Common Mode, Stabilized

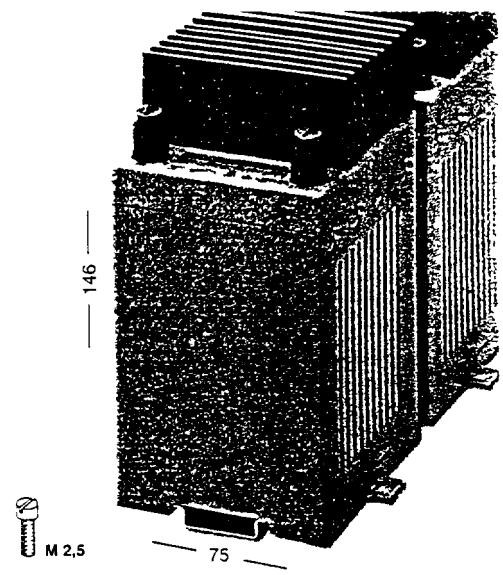
283-514



CM 62-PS-...AC/24 DC/1

input 120 V AC or 230 V AC
output 24 V DC/1 A

Housing width 62.5



CM 90-PS-...AC/24 DC/1,5

input 120 V AC or 230 V AC
output 24 V DC/1.5 A

Housing width 90

Type of housing

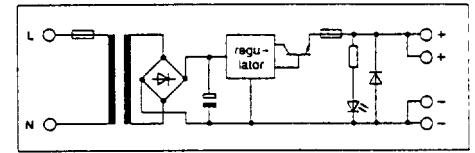
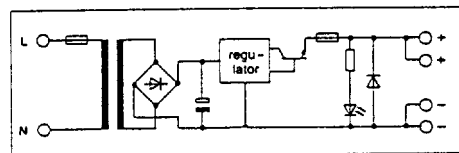
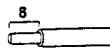
KRILEN-E0 see page 8
color green

Torque value of terminals, see page 12.

Marking systems and mounting material, see catalog part 03.

The rated cross section (see page 12) refers to untreated conductors without ferrules.

	solid	stranded	
	[mm ²]		AWG
Connection data	0.2-2.5	0.2-2.5	24-14



prepared for reliable isolation acc. to VDE 0106 part 101

Description

Compact power supply unit
with linear regulator

Equipment marker



Technical data

Input
Input voltage +6% -10%
Frequency 50 Hz/60 Hz
Power consumption with rated load
Input fuse (5x20 mm)

Output
Output voltage
Output current ¹⁾
Residual ripple at U_N
Output fuse (5x20 mm)
Output protective circuit

General data
Test voltage input/output
Ambient temperature
Rated operating mode
Regulations

Installation position

Type of connection
Mounting
Type of protection acc. to IEC 529/DIN 40 050
Weight

¹⁾ See derating curve!

— 110/230 V AC
- - 120 V AC

③ UL (UL only for CM 62-PS-120 AC/)

Type	Order No.	Pcs. Pkt
CM 62-PS-120 AC/24 DC/1	29 43 39 8	1
CM 62-PS-230 AC/24 DC/1	29 43 68 6	1
EMG-SGKS	29 47 58 5	50
EMG-GKS	29 47 03 5	50

CM 62-PS-120 AC/... CM 62-PS-230 AC/ ..

120 V AC
50 Hz/60 Hz
approx 55 VA
800 mA slow blow

230 V AC
50 Hz/60 Hz
approx 55 VA
400 mA normal blow

24 V DC ± 1%
1 A
≤ 20 mV_{pk-pk}
1 A fast, IEC 127/DIN 41 660
damping diode, vanstor

24 V DC ± 1%
1 A
≤ 20 mV_{pk-pk}
1 A fast, IEC 127/DIN 41 660
damping diode, vanstor

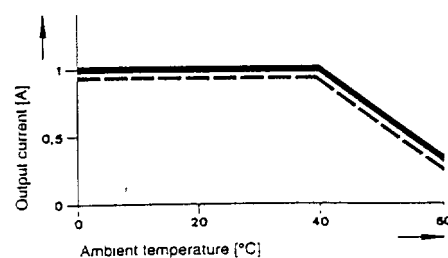
4 kV, 50 Hz, 1 min
-20 °C to +60 °C
100% ED
IEC 664/IEC 664A/
DIN VDE 0110(01 89)
DIN VDE 0551 (transformer)
UL 1012
UL 1950

4 kV, 50 Hz, 1 min
-20 °C to +60 °C
100% duty cycle
IEC 664/IEC 664A/
DIN VDE 0110(01 89)
DIN VDE 0551 (transformer)
UL 1012
UL 1950

on horizontal mounting rails,
venting slots top and bottom
screw connection
in rows w/spacing ≥ 10 mm
IP 20
1.2 kg

on horizontal mounting rails,
venting slots top and bottom
screw connection
in rows w/spacing ≥ 10 mm
IP 20
1.2 kg

Derating curve



④ UL (UL only for CM 90-PS-110 AC/)

Type	Order No.	Pcs. Pkt
CM 90-PS-110 AC/24 DC/1,5	29 43 40 8	1
CM 90-PS-230 AC/24 DC/1,5	29 43 69 9	1

CM 90-PS-110 AC/... CM 90-PS-230 AC/ ..

120 V AC
50 Hz/60 Hz
approx 70 VA
1 A normal blow

230 V AC
50 Hz/60 Hz
approx 70 VA
500 mA normal blow

24 V DC ± 1%
1.5 A
≤ 30 mV_{pk-pk}
1.6 A fast, IEC 127/DIN 41 660
damping diode, vanstor

24 V DC ± 1%
1.5 A
≤ 30 mV_{pk-pk}
1.6 A fast, IEC 127/DIN 41 660
damping diode, vanstor

4 kV, 50 Hz, 1 min
-20 °C to +60 °C
100% duty cycle
IEC 664/IEC 664A/
DIN VDE 0110(01 89)
DIN VDE 0551 (transformer)
UL 1012
UL 1950

4 kV, 50 Hz, 1 min
-20 °C to +60 °C
100% duty cycle
IEC 664/IEC 664A/
DIN VDE 0110(01 89)
DIN VDE 0551 (transformer)
UL 1012
UL 1950

on horizontal mounting rails,
venting slots top and bottom
screw connection
in rows w/spacing ≥ 10 mm
IP 20
1.9 kg

on horizontal mounting rails,
venting slots top and bottom
screw connection
in rows w/spacing ≥ 10 mm
IP 20
1.9 kg

Derating curve

