



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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► General data



Power supply unit with fixed-voltage regulator, input 230 V AC, output 12 V DC/1 A

| | |
|--------------|-----------------------|
| Order number | 2943660 |
| Type | CM 62-PS-230AC/12DC/1 |

| | |
|----------------|---------------|
| Barcode number | 4017918081225 |
| Unit pack | 1 Pcs. |
| Customs tariff | 85044094000 |

► Technical data

Input data

| | |
|---------------------------|-----------------------|
| Nominal input voltage | 230 V AC |
| Frequency range | 50 Hz ... 60 Hz |
| Nominal power consumption | Approx. 30 VA |
| Input fuse | IEC 127-2/EN 60 127-2 |

Output data

| | |
|------------------------------|-------------------------|
| Nominal output voltage | 12 V DC \pm 4% |
| Output current | 1 A |
| Residual ripple | < 40 mV _{ss} |
| Output fuse | IEC 127-2/EN 60 127-2 |
| Protective circuit/component | Damping diode, varistor |

General data

| | |
|---------------------------------|---|
| Width | 62.5 mm |
| Height | 139 mm |
| Depth | 75 mm |
| Weight | 1 kg |
| Operating voltage display | LED |
| Operating mode | 100% operating factor |
| Test voltage input/output | 4 kV AC |
| Degree of protection | IP 20 |
| Ambient temperature (operation) | 0 °C ... 60 °C |
| Installation position | On horizontal DIN rail, venting slits above and below |
| Assembly instructions | Can be aligned with spacing = 10 mm |
| Standards/regulations | IEC 664/IEC 664A/DIN VDE 0110-1:1989-01 |
| Standards/regulations | DIN VDE 0551 |

Connection data, input

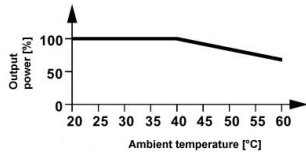
| | |
|--|---------------------|
| Screw thread | M 2,5 |
| Stripping length | 8 mm |
| Type of connection | Screw connection |
| Min. conductor cross section AWG/kcmil | 24 |
| Conductor cross section AWG/kcmil max | 14 |
| Min. conductor cross section, rigid | 0.2 mm ² |
| Conductor cross section, rigid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Max. conductor cross section, flexible | 2.5 mm ² |

Connection data, output

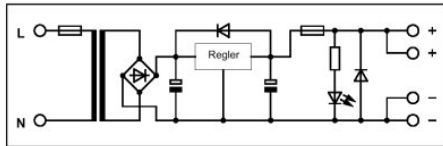
| | |
|--|---------------------|
| Stripping length | 8 mm |
| Type of connection | Screw connection |
| Min. conductor cross section AWG/kcmil | 24 |
| Conductor cross section AWG/kcmil max | 14 |
| Min. conductor cross section, rigid | 0.2 mm ² |
| Conductor cross section, rigid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Max. conductor cross section, flexible | 2.5 mm ² |

▸ Drawings

Diagram



Circuit diagram



► Accessories

| Item | Designation | Description |
|----------------|-------------|-------------------------------|
| Marking | | |
| 2947035 | EMG-GKS 12 | Equipment marker, width 12 mm |
| 2947585 | EMG-SGKS 10 | Equipment marker, narrow |

► Address

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