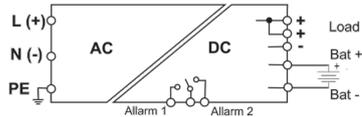


DC-UPS module 12-230Vac/ 12Vdc 5A



| | |
|--|--|
| Series | CSC |
| Code | XCSC120B |
| Type | CSC120B |
| HS code | 85044083 |
| INPUT TECHNICAL DATA | |
| Input rated voltage | 120–230 Vac |
| Input voltage AC | 90...264 Vac |
| Input voltage DC | 100...345 Vdc (derating $U_{in} < 130Vdc$) |
| Frequency | 47...63 Hz |
| Current consumption | 1.6 A (120 Vac) / 0.91 A (230 Vac) |
| Inrush peak current | 20 A |
| Power factor | > 0.65 |
| Internal protection fuse | T 3.15 A |
| External protection on AC line | MCB: C-4 A / Fuse: T 4 A |
| OUTPUT TECHNICAL DATA | |
| Output voltage range | 12 Vdc |
| Output adjustable range | 13...15 Vdc normal operation, 9...15 Vdc battery operation |
| Continuous current | 5 A |
| Battery safety fuse | – |
| Status indication | LED "DC OK" / LED "Alarm" |
| Alarm contact | 1 dry contact (DC OK) |
| Battery type | Lead-Acid |
| Battery capacity | max. 1.2 Ah (12 Vdc) |
| Charging current | 150 mA |
| Battery disconnection voltage | ≤ 9 Vdc ±0.5 V |
| Protection | Short circuit, overload, battery deep discharge |
| GENERAL TECHNICAL DATA | |
| Efficiency | 81% (120 Vac) 83% (230 Vac) |
| Dissipated power | 25 W (120 Vac) 22 W (230 Vac) |
| Operating temperature range | –20...+60°C (derating –2 W >45°C) |
| Input / output isolation | 3 kVac / 60 s (SELV output) |
| Input / ground isolation | 1.5 kVac / 60 s |
| Output / ground isolation | 0.5 kVac / 60 s |
| Safety Standard | EN 60950-1 |
| EMC Standard | EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4 |
| Overvoltage category / pollution degree | II / 2 |
| Protection degree | IP 20 |
| Connection terminal | 2.5 mm ² / 2.5 mm ² |
| Housing material | aluminium |
| Dimensions (LxHxD) | 40x130x115 mm |
| Approximate weight | 450 g |
| Mounting information | vertical on a rail\, 10 mm from adjacent components |
| ACCESSORIES | |
| Mounting rail (IEC60715/TH35-7.5) | PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB |
| Mounting rail (IEC60715/TH35-15) | PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB |
| APPROVALS AND MARKINGS | CE |



* Power supply with integrated battery charger* Suitable for Lead-Acid batteries* Supplies power to load and battery simultaneously* Battery protection (overload and deep discharge)* LED status indicator and alarm contact
1 Please refer to the datasheet or operating instruction for more details2 In order to complete the charge, the DC output of the power supply must be 2-3V more than nominal voltage of the battery

PRODUCT DESCRIPTION

CSC120B DC-UPS module 12-230Vac/ 12Vdc 5A

