Buffer power supply units and accessories
Buffer power supply units

Page 3  Buffer power supply units
        HPSB series
        PSDCB series
        HPSBOC series
        PSBS series
        AWZ series
        AWZ plus series

Page 6  Buffer power supply units
        Compliant with EN50131-6 standard for alarm systems
        PSBEN series

Page 7  Buffer power supply units
        EN54-4 and EN12101-10 certified
        EN54 series
        EN54C series
        EN54M series – power supply unit modules
        Accessories, software

Page 11 Buffer power supply units
         for HD cameras and recorder
         PSUPS...CR series

Page 11 Buffer power supply units
         switch mode, power supply unit for
         Access Control Systems – DAHUA
         AWZ637 series

Buffer power supply units – RACK 19"

Page 12 Buffer power supply units – single output – RACK 19"
        ROUPS...VR series
        ROUPS series
        RLB series – fuse strips

Buffer power supply units – enclosed, single-output

Page 14 Buffer power supply units
        PSB series
        PSBOC series
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buffer power supply units – DIN</td>
<td>15</td>
</tr>
<tr>
<td>Buffer power supplies for DIN rail mounting</td>
<td></td>
</tr>
<tr>
<td>DINB series</td>
<td></td>
</tr>
<tr>
<td>Buffer power supply modules</td>
<td>15</td>
</tr>
<tr>
<td>Buffer power supply modules</td>
<td></td>
</tr>
<tr>
<td>MSRK series</td>
<td></td>
</tr>
<tr>
<td>Desktop type power supplies, buffer</td>
<td>16</td>
</tr>
<tr>
<td>IP67 hermetic enclosure, epoxy encapsulated</td>
<td></td>
</tr>
<tr>
<td>PSCLB series</td>
<td></td>
</tr>
<tr>
<td>Accessories for buffer power supply units</td>
<td>16</td>
</tr>
<tr>
<td>Voltage converters DCDC</td>
<td></td>
</tr>
<tr>
<td>Voltage reducers – linear</td>
<td></td>
</tr>
<tr>
<td>Fuse modules</td>
<td></td>
</tr>
<tr>
<td>Protection modules</td>
<td></td>
</tr>
<tr>
<td>Relay modules</td>
<td></td>
</tr>
<tr>
<td>Relay modules – time</td>
<td></td>
</tr>
<tr>
<td>Modules of technical outputs</td>
<td></td>
</tr>
<tr>
<td>Bracket DIN</td>
<td></td>
</tr>
<tr>
<td>Metal clamps with a mounting plate</td>
<td></td>
</tr>
<tr>
<td>Battery controllers</td>
<td></td>
</tr>
<tr>
<td>Enclosures for batteries</td>
<td></td>
</tr>
<tr>
<td>Enclosures for power supply units PS... series</td>
<td></td>
</tr>
</tbody>
</table>
Buffer power supply units 13,8VDC / 27,6VDC / 54VDC
switch mode
HPSB series

- power supply: 176÷264VAC
- impulse voltage stabilizer
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection *
  - surge protection
  - antisabotage protection
  - OHP overheat protection *
- warranty: 2 years from production date

* depending on model

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Dimensions W×H×D+D_{f} [+/− 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPSB2512B</td>
<td>13,8VDC</td>
<td>2,5A</td>
<td>0,5A</td>
<td>7Ah</td>
<td>250×250×82+8</td>
</tr>
<tr>
<td>HPSB3512C</td>
<td>13,8VDC</td>
<td>3,5A</td>
<td>0,5A</td>
<td>17Ah</td>
<td>280×292×82+8</td>
</tr>
<tr>
<td>HPSB5512C</td>
<td>13,8VDC</td>
<td>5,5A</td>
<td>0,5A</td>
<td>17Ah</td>
<td>280×292×82+8</td>
</tr>
<tr>
<td>HPSB7012C</td>
<td>13,8VDC</td>
<td>7,0A</td>
<td>1,0A / 2,0A</td>
<td>17Ah</td>
<td>280×292×82+8</td>
</tr>
<tr>
<td>HPSB11A12C</td>
<td>13,8VDC</td>
<td>11,0A</td>
<td>1,0A / 4,0A</td>
<td>17Ah</td>
<td>320×350×173+8</td>
</tr>
<tr>
<td>HPSB11A12D</td>
<td>13,8VDC</td>
<td>11,0A</td>
<td>1,0A / 4,0A</td>
<td>40Ah</td>
<td>400×350×173+8</td>
</tr>
<tr>
<td>HPSB11A12E</td>
<td>13,8VDC</td>
<td>11,0A</td>
<td>1,0A / 4,0A</td>
<td>65Ah</td>
<td>400×350×173+8</td>
</tr>
<tr>
<td>HPSB20A12E</td>
<td>13,8VDC</td>
<td>20,0A</td>
<td>2,0A / 4,0A / 8,0A</td>
<td>2×17Ah</td>
<td>280×292×82+8</td>
</tr>
<tr>
<td>HPSB1824B</td>
<td>27,6VDC</td>
<td>1,8A</td>
<td>0,3A</td>
<td>2×7Ah</td>
<td>280×292×82+8</td>
</tr>
<tr>
<td>HPSB3524B</td>
<td>27,6VDC</td>
<td>3,5A</td>
<td>0,5A / 1,0A</td>
<td>2×17Ah</td>
<td>400×350×92+8</td>
</tr>
<tr>
<td>HPSB3524C</td>
<td>27,6VDC</td>
<td>5,5A</td>
<td>0,5A / 2,0A</td>
<td>2×17Ah</td>
<td>400×350×92+8</td>
</tr>
<tr>
<td>HPSB5524C</td>
<td>27,6VDC</td>
<td>10,0A</td>
<td>1,0A / 2,0A / 4,0A</td>
<td>4×7Ah</td>
<td>400×350×92+8</td>
</tr>
<tr>
<td>HPSB2548B</td>
<td>27,6VDC</td>
<td>2,5A</td>
<td>0,5A / 1,0A</td>
<td>4×7Ah</td>
<td>400×350×92+8</td>
</tr>
</tbody>
</table>

Multi-output buffer power supply units 13,8VDC
PSDCB series

- power supply: 176÷264VAC
- available models: 13,8VDC / 9×1,0A
- battery charging current: 1A / 4A
- number of outputs × fuse: 9×1,0A
- fuse type: glass fuse
- fitting battery: 17Ah
- deep discharge battery protection – UVP
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
  - OHP overheat protection
  - antisabotage protection
- notes:
  - surface mounted enclosure, locking – bolted (lock assembly possible)
- warranty: 2 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Number of outputs</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Fuse type</th>
<th>Dimensions W×H×D+D_{f} [+/− 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSDCB09129C</td>
<td>13,8VDC</td>
<td>11,0A</td>
<td>9×1,0A</td>
<td>1,0A / 4,0A</td>
<td>17Ah</td>
<td>1,0A – TOPIK</td>
<td>280×292×82+8 285×296</td>
</tr>
</tbody>
</table>
GREEN POWER plus

Buffer power supply units 13,8VDC / 27,6VDC switch mode, with technical outputs
HPSBOC series

- power supply: 176÷264VAC
- impulse voltage stabilizer
- technical outputs OC and relay type:
  - EPS – 230V power failure AC
  - PSU – power supply failure
  - LoB – low battery voltage *
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection **
  - surge protection
  - antisabotage protection
  - OHP overheat protection **
- warranty: 2 years from production date

* power supply unit does not feature battery detection function
** depending on model

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Dimensions</th>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPSBOC2512B</td>
<td>13,8VDC</td>
<td>2,5A</td>
<td>0,5A</td>
<td>7Ah</td>
<td>250×250+8</td>
<td>PSBS2012B</td>
<td>13,8VDC</td>
<td>2,2A</td>
<td>0,2A / 0,5A</td>
<td>7Ah</td>
<td>230×230+8</td>
</tr>
<tr>
<td>HPSBOC3512C</td>
<td>3,5A</td>
<td>0,5A</td>
<td></td>
<td></td>
<td>280×292+8</td>
<td>PSBS3012C</td>
<td>3,5A</td>
<td>0,5A</td>
<td>1,0A / 1,0A</td>
<td>17Ah</td>
<td>260×300+8</td>
</tr>
<tr>
<td>HPSBOC7012C</td>
<td>7,0A</td>
<td>1,0A</td>
<td></td>
<td></td>
<td>285×296</td>
<td>PSBS5012C</td>
<td>5,5A</td>
<td>0,5A / 1,0A / 2,0A / 3,0A</td>
<td>40Ah</td>
<td>330×350+172+8</td>
<td></td>
</tr>
<tr>
<td>HPSBOC11A12C</td>
<td>11,0A</td>
<td>1,0A</td>
<td></td>
<td></td>
<td>335×355</td>
<td>PSBS5012D</td>
<td>5,5A</td>
<td>0,5A / 1,0A / 2,0A / 3,0A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPSBOC3524C</td>
<td>3,5A</td>
<td>0,5A / 1,0A</td>
<td></td>
<td></td>
<td>400×350+92</td>
<td>HPSBOC3512C</td>
<td>27,6VDC</td>
<td>3,5A</td>
<td>0,5A / 1,0A</td>
<td>17Ah</td>
<td>405×355</td>
</tr>
<tr>
<td>HPSBOC5524C</td>
<td>5,5A</td>
<td>0,5A / 2,0A</td>
<td></td>
<td></td>
<td></td>
<td>HPSBOC11A12C</td>
<td>11,0A</td>
<td>1,0A / 4,0A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPSBOC10A24C</td>
<td>10,0A</td>
<td>1,0A / 2,0A / 4,0A</td>
<td></td>
<td></td>
<td></td>
<td>HPSBOC3524C</td>
<td>3,5A</td>
<td>0,5A / 1,0A / 2,0A / 3,0A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

BLUE POWER

Buffer power supply units 13,8VDC switch mode, with technical outputs
PSBS series

- power supply: 230VAC
- impulse voltage stabilizer
- technical outputs OC type:
  - EPS – 230V power failure AC
  - PSU – power supply failure
  - LoB – low battery voltage
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OHP overheat protection
  - surge protection
  - antisabotage protection
  - OVP overvoltage protection *
- warranty: 5 years from production date

* depending on model

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSBS2012B</td>
<td>13,8VDC</td>
<td>2,2A</td>
<td>0,2A / 0,5A</td>
<td>7Ah</td>
<td>230×230+8</td>
</tr>
<tr>
<td>PSBS3012C</td>
<td>3,5A</td>
<td>0,5A</td>
<td>1,0A</td>
<td>17Ah</td>
<td>260×300+8</td>
</tr>
<tr>
<td>PSBS5012C</td>
<td>5,5A</td>
<td>0,5A / 1,0A / 2,0A / 3,0A</td>
<td>40Ah</td>
<td>330×350+172+8</td>
<td></td>
</tr>
<tr>
<td>PSBS5012D</td>
<td>5,5A</td>
<td>0,5A / 1,0A / 2,0A / 3,0A</td>
<td></td>
<td></td>
<td>330×350+335+355</td>
</tr>
</tbody>
</table>
Buffer power supply units 13,8VDC
linear
AWZ series

- power supply: 230VAC
- linear type
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OHP overheat protection
  - surge protection
  - antisabotage protection
- warranty: 5 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Dimensions W×H×D+D, [+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWZ100</td>
<td>13,8VDC</td>
<td>1,0A</td>
<td>0,1A</td>
<td>1,2Ah</td>
<td>170×180×82+8 175×185</td>
</tr>
<tr>
<td>AWZ101</td>
<td>1,0A</td>
<td>1,0A</td>
<td>7Ah</td>
<td></td>
<td>200×230×82+8 205×235</td>
</tr>
<tr>
<td>AWZ200</td>
<td>2,0A</td>
<td>2,0A</td>
<td>0,3A</td>
<td>7Ah</td>
<td>230×300×92+8 235×305</td>
</tr>
<tr>
<td>AWZ300</td>
<td>3,0A</td>
<td>3,0A</td>
<td>0,7A</td>
<td>17Ah</td>
<td></td>
</tr>
</tbody>
</table>

Buffer power supply units 13,8VDC / 27,6VDC, linear, in accordance with EN50131-6, GRADE 1+2 standard for alarm systems
AWZ plus series

- power supply: 230VAC
- linear type
- microprocessor-based operating control
- in accordance with EN50131-6, GRADE 1+2 standard for alarm systems
- II environmental class
- technical outputs OC type:
  - EPS - 230V power failure AC
  - PSU - power supply failure
  - APS - battery failure indication
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OHP overheat protection
  - surge protection
  - antisabotage protection
  - OVP overvoltage protection
- warranty: 5 years from production date

In accordance with EN50131-6, GRADE 1+2 standard for alarm systems

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Dimensions W×H×D+D, [+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWZ222</td>
<td>13,8VDC</td>
<td>2,0A</td>
<td>0,4A / 0,9A</td>
<td>17Ah</td>
<td>230×300×82+8 235×305</td>
</tr>
<tr>
<td>AWZ333</td>
<td>27,6VDC</td>
<td>3,0A</td>
<td>0,4A</td>
<td>17Ah</td>
<td></td>
</tr>
<tr>
<td>AWZ224</td>
<td>27,6VDC</td>
<td>2,0A</td>
<td>2×7Ah</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Buffer power supply units 13,8VDC / 27,6VDC, switch mode, in accordance with EN50131-6, GRADE 1÷3 standard for alarm systems

**PSBEN series**

- power supply: 230VAC
- impulse voltage stabilizer
- microprocessor-based operating control
- in accordance with EN50131-6, GRADE 1÷3 standard for alarm systems and II environmental class
- intelligent management of PSU power’s output stage
- battery circuit continuity control
- battery fuse status control
- collective failure input EXT IN
- technical outputs with galvanic isolation:
  - EPS – 230V power failure AC
  - PSU – power supply failure
  - APS – battery failure indication
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - OHP overheat protection
  - surge protection
  - antisabotage protection (tamper anti door opening and detachment from mounting surface)
- warranty: 5 years from production date

In accordance with EN50131-6, GRADE 1÷3 standard for alarm systems

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Dimensions W×H×D+D1 [/+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED panel</td>
<td>LCD panel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSBEN3012C</td>
<td></td>
<td>13,8VDC</td>
<td>3.2A</td>
<td>0.6A / 1.0A / 1.5A / 2.2A / 3.0A</td>
<td>17Ah</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>300×300×92+8 305×305</td>
</tr>
<tr>
<td>PSBEN5012C</td>
<td></td>
<td>5.6A</td>
<td></td>
<td>0.6A / 1.5A / 2.2A / 3.0A</td>
<td>17Ah</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>330×350×102+8 335×355</td>
</tr>
<tr>
<td>PSBEN5012D</td>
<td>PSBEN5012D/LCD</td>
<td>5.6A</td>
<td></td>
<td>0.6A / 1.5A / 2.2A / 3.0A</td>
<td>40Ah</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>330×350×173+8 335×355</td>
</tr>
<tr>
<td>PSBEN10A12E</td>
<td>PSBEN10A12E/LCD</td>
<td>10.6A</td>
<td></td>
<td>0.6A / 1.5A / 2.2A / 3.0A</td>
<td>65Ah</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>400×370×173+8 405×375</td>
</tr>
<tr>
<td>PSBEN5024C</td>
<td>PSBEN5024C/LCD</td>
<td>27.6VDC</td>
<td>5.6A</td>
<td>0.6A / 1.5A / 2.2A / 3.0A</td>
<td>2×17Ah</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>400×350×92+8 405×355</td>
</tr>
</tbody>
</table>

LED display

graphic LCD display
Buffer power supply units 27,6VDC switch mode, EN54-4 and EN12101-10 certified EN54 series

- available versions with 2A / 3A / 5A / 7A current efficiencies
- available versions with a battery compartment for 7Ah - 40Ah battery
- communication: LAN, RS485, USB - appropriate modules required
- cooperation with EN54-LB4 and EN54-LB8 fuse modules (optional equipment)
- power supply: 230V
- impulse voltage stabilizer
- microprocessor-based operating control
- compliant with EN54-4 and EN12101-10 standards
- certificate of constancy of performance CNBOP-PIB No 1438-CPR-0385
- certificate of approval CNBOP-PIB No 2174/2014
- independently protected outputs AUX1 and AUX2
- intelligent PSU overload protection
- monitoring of continuity of battery circuit
- relay output of collective failure ALARM
- collective failure input EXTi
- controlled relay output EKT
- technical outputs with galvanic isolation:
  - EPS - 230V power failure AC
  - PSU - power supply failure
  - APS - battery failure indication
- internal memory of PSU operating status
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - OHP overheat protection
  - surge protection
  - antisabotage protection (tamper anti door opening)
- warranty: 5 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Fitting battery</th>
<th>Dimensions W×H×D+D1 [±/- 2mm] W×H×D1 [±/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>27,6VDC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EN54-3A17LCD</td>
<td></td>
<td>2,0A + 1,0A</td>
<td>3,0A + 0A</td>
<td>2×17Ah</td>
</tr>
<tr>
<td>EN54-5A17LCD</td>
<td></td>
<td>4,0A + 1,0A</td>
<td>5,0A + 0A</td>
<td>420×420×102+8 425×425</td>
</tr>
<tr>
<td>EN54-7A17LCD</td>
<td></td>
<td>6,0A + 1,0A</td>
<td>7,0A + 0A</td>
<td>2×40Ah</td>
</tr>
<tr>
<td>EN54-7A40LCD</td>
<td></td>
<td>5,0A + 2,0A</td>
<td></td>
<td>420×420×182+8 425×425</td>
</tr>
</tbody>
</table>
Buffer power supply units 27,6VDC switch mode, EN54-4 and EN12101-10 certified EN54C series

- available versions with 2A / 3A / 5A / 10A current efficiencies
- available versions with a battery compartment for 7Ah - 65Ah battery
- communication: LAN, RS485 - appropriate modules required
- only version with LCD graphic display
- cooperation with EN54C-LB4 and EN54C-LB8 fuse modules (optional equipment)
- cooperation with EN54C-LS4 and EN54C-LS8 sequential modules (optional)
- power supply: 230V
- impulse voltage stabilizer
- microprocessor-based operating control
- compliant with EN54-4 and EN12101-10 standards
- certificate of constancy of performance CNBOP-PIB No 1438-CPR-0628
- certificate of approval CNBOP-PIB No 3501/2019
- independently protected outputs AUX1 and AUX2
- monitoring of continuity of battery circuit
- relay output of collective failure ALARM
- input of external failure indication EXTi
- EPS relay output of 230VAC power failure indication
- LoB low battery voltage indication
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
  - antisabotage protection (tamper anti door opening)
- warranty: 3 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current for continuous operation $I_{\text{max}} + I_{\text{lad}}$</th>
<th>Total current for intermittent operation $I_{\text{max}} + I_{\text{lad}}$</th>
<th>Fitting battery</th>
<th>Dimensions $W \times H \times D$, [+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN54C-2A7</td>
<td>27,6VDC</td>
<td>1,6A + 0,4A</td>
<td>2A + 0A</td>
<td>2×7Ah</td>
<td>330×305×82×8+8 335×308</td>
</tr>
<tr>
<td>EN54C-2A17</td>
<td></td>
<td>1,2A + 0,8A</td>
<td>2A + 0A</td>
<td>2×17Ah</td>
<td>385×402×88×8 390×406</td>
</tr>
<tr>
<td>EN54C-3A7</td>
<td></td>
<td>2,6A + 0,4A</td>
<td>3A + 0A</td>
<td>2×7Ah</td>
<td>330×305×82×8 335×308</td>
</tr>
<tr>
<td>EN54C-3A17</td>
<td>EN54C-3A17LCD</td>
<td>2,2A + 0,8A</td>
<td>3A + 0A</td>
<td>2×17Ah</td>
<td>385×402×88×8 390×406</td>
</tr>
<tr>
<td>EN54C-3A28</td>
<td></td>
<td>1,8A + 1,2A</td>
<td>3A + 0A</td>
<td>2×28Ah</td>
<td>420×407×178×8 425×411</td>
</tr>
<tr>
<td>EN54C-5A7</td>
<td></td>
<td>4,6A + 0,4A</td>
<td>5A + 0A</td>
<td>2×7Ah</td>
<td>330×305×82×8 335×308</td>
</tr>
<tr>
<td>EN54C-5A17</td>
<td>EN54C-5A17LCD</td>
<td>4,2A + 0,8A</td>
<td>5A + 0A</td>
<td>2×17Ah</td>
<td>385×402×88×8 390×406</td>
</tr>
<tr>
<td>EN54C-5A28</td>
<td></td>
<td>3,8A + 1,2A</td>
<td>5A + 0A</td>
<td>2×28Ah</td>
<td>420×407×178×8 425×411</td>
</tr>
<tr>
<td>EN54C-5A40</td>
<td></td>
<td>3,2A + 1,8A</td>
<td>5A + 0A</td>
<td>2×40Ah</td>
<td>420×407×178×8 425×411</td>
</tr>
<tr>
<td>EN54C-5A65</td>
<td></td>
<td>2,4A + 2,6A</td>
<td>5A + 0A</td>
<td>2×65Ah</td>
<td>410×648×180×8 416×652</td>
</tr>
<tr>
<td>EN54C-10A17</td>
<td>EN54C-10A17LCD</td>
<td>9,2A + 0,8A</td>
<td>10A + 0A</td>
<td>2×17Ah</td>
<td>385×402×88×8 390×406</td>
</tr>
<tr>
<td>EN54C-10A28</td>
<td></td>
<td>8,8A + 1,2A</td>
<td>10A + 0A</td>
<td>2×28Ah</td>
<td>420×407×178×8 425×411</td>
</tr>
<tr>
<td>EN54C-10A40</td>
<td>EN54C-10A40LCD</td>
<td>8,2A + 1,8A</td>
<td>10A + 0A</td>
<td>2×40Ah</td>
<td>420×407×178×8 425×411</td>
</tr>
<tr>
<td>EN54C-10A65</td>
<td></td>
<td>7,4A + 2,6A</td>
<td>10A + 0A</td>
<td>2×65Ah</td>
<td>410×648×180×8 416×652</td>
</tr>
</tbody>
</table>

Certificate of constancy of performance CNBOP-PIB No 1438-CPR-0628
Certificate of approval CNBOP-PIB No 3501/2019

LED display

graphic LCD display *
Buffer power supply modules 27,6VDC switch mode, in accordance with EN54-4 standard for fire detection

EN54M series

- built-in power supply module
- available versions with 2A / 3A / 5A / 10A current efficiencies
- powered by 7Ah÷65Ah batteries
- cooperation with EN54-LB4 and EN54-LB8 fuse modules (optional equipment)
- cooperation with EN54C-LS4 and EN54C-LS8 sequential modules (optional)
- DIN rail mounting using additional EN54M-DIN1 bracket (option)
- optical indication - additional EN54M-LED panel (optional)
- power supply: 230V
- impulse voltage stabilizer
- microprocessor-based operating control
- compliant with EN54-4 and EN12101-10 standards
- certificate of constancy of performance CNBOP-PiB No 1438-CPR-0630
- independently protected outputs AUX1 and AUX2
- monitoring of continuity of battery circuit
- relay output of collective failure ALARM
- input of external failure indication EXTi
- EPS relay output of 230VAC power failure indication
- LoB low battery voltage indication
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
- warranty: 3 years from production date

Certificate of constancy of performance
CNBOP-PiB No 1438-CPR-0630

To be able to install module of PSU in fire alarm system, it must be placed in enclosure of appropriate design and make complementary examinations to achieve certificate EN54-4+A1+A2 or EN12101-10+AC in accredited institution

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current for continuous operation</th>
<th>Total current for intermittent operation</th>
<th>Battery</th>
<th>Dimensions L×W×H [±/− 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN54M-2A7</td>
<td></td>
<td>1,6A + 0,4A</td>
<td>2A + 0A</td>
<td>2×7,2Ah</td>
<td>200×120×48</td>
</tr>
<tr>
<td>EN54M-2A7-17</td>
<td></td>
<td>1,2A + 0,8A</td>
<td>2A + 0A</td>
<td>2×7+20Ah</td>
<td>204×141×52</td>
</tr>
<tr>
<td>EN54M-3A7-17</td>
<td></td>
<td>2,2A + 0,8A</td>
<td>3A + 0A</td>
<td>2×7+20Ah</td>
<td>237×168×55</td>
</tr>
<tr>
<td>EN54M-3A17-40</td>
<td>27,6VDC</td>
<td>1,2A + 1,8A</td>
<td>3A + 0A</td>
<td>2×17+45Ah</td>
<td>204×141×52</td>
</tr>
<tr>
<td>EN54M-5A7-17</td>
<td></td>
<td>4,2A + 0,8A</td>
<td>5A + 0A</td>
<td>2×7+20Ah</td>
<td>204×141×52</td>
</tr>
<tr>
<td>EN54M-5A17-40</td>
<td></td>
<td>3,2A + 1,8A</td>
<td>5A + 0A</td>
<td>2×17+45Ah</td>
<td>204×141×52</td>
</tr>
<tr>
<td>EN54M-5A40-65</td>
<td></td>
<td>2,4A + 2,6A</td>
<td>5A + 0A</td>
<td>2×40+65Ah</td>
<td>237×168×55</td>
</tr>
<tr>
<td>EN54M-10A17-40</td>
<td></td>
<td>8,2A + 1,8A</td>
<td>10A + 0A</td>
<td>2×17+45Ah</td>
<td>237×168×55</td>
</tr>
<tr>
<td>EN54M-10A40-65</td>
<td></td>
<td>7,4A + 2,6A</td>
<td>10A + 0A</td>
<td>2×40+65Ah</td>
<td>237×168×55</td>
</tr>
</tbody>
</table>
Accessories for power supply units EN54 / EN54C / EN54M series interfaces, fuse modules, sequential modules

INTE-C
Interface ETHERNET EN54C-LCD

INTR-C
Interface RS485-TTL EN54C-LCD

INTRE-C
Interface RS485-ETHERNET

INTR
Interface RS485-TTL

INTE
Interface ETHERNET

EN54M-DIN1
Bracket DIN/EN54M 1

EN54M-LED
A set for optical indication EN54M

EN54C-BR
Brackets for EN54C included

EN54C-LB4 / EN54C-LB8
Fuse modules EN54C

EN54C-LS4 / EN54C-LS8
Sequential modules

EN54-LB4 / EN54-LB8
Fuse module EN54

„PowerSecurity” software for power supply units of PSBEN, EN54 series

PowerSecurity

Free program „PowerSecurity”

„PowerSecurity” - also available for Android

Remote desktop window of PSU

PSBEN series
BLACK POWER

EN54 series
RED POWER
Buffer power supply units 13,8VDC/12VDC for HD cameras and DVR with recorder space
PSUPS...CR series

Enclosure construction is compliant with requirements of General Data Protection Regulation GDPR (possibility of installing two locks with different codes).

- power supply: 176÷264VAC
- available models: 13,8VDC / 8×0,75A + 12VDC / 1×4,0A 13,8VDC / 16×0,8A + 12VDC / 1×5,0A
- battery charging current: 1A / 2A / 4A / 8A *
- number of outputs × fuse:
  - cameras: 8×1,0A / 16×1,0A *
  - recorder: 1×5A
- fuse type: glass fuse
- fitting battery: 17Ah / 2×17Ah * - parallel connection
- deep discharge battery protection – UVP
- protections:
  - SCP short circuit protection, OLP overload protection OVP overvoltage protection
  - surge protection, OHP overheat protection *, antisabotage protection
- notes:
  - enclosure is fitted with a recorder space
  - surface mounted enclosure, locking – bolted
  - built-in power factor correction system (PFC) *
  - forced cooling – built-in fan *
- warranty: 2 years from production date

* depending on model

<table>
<thead>
<tr>
<th>Code</th>
<th>Circuit</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Number of outputs</th>
<th>Battery charging current</th>
<th>Fuse type</th>
<th>Fitting battery</th>
<th>Dimensions of recorder space W×H×D+D1 [±/- 2mm]</th>
<th>Dimensions W×H×D+D2 [±/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSUPS10A12CR</td>
<td>cameras</td>
<td>13,8VDC</td>
<td>11A</td>
<td>8×0,75A</td>
<td>1A</td>
<td>1,0A – glass fuse</td>
<td>17Ah</td>
<td>380×320×65</td>
<td>420×535×193+14</td>
</tr>
<tr>
<td></td>
<td>recorder</td>
<td>12VDC</td>
<td>1×4,0A</td>
<td></td>
<td></td>
<td>5,0A – glass fuse</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSUPS20A12CR</td>
<td>cameras</td>
<td>13,8VDC</td>
<td>20A</td>
<td>16×0,8A</td>
<td>2A / 4A / 8A</td>
<td>1,0A – glass fuse</td>
<td>2×17Ah (parallel connection)</td>
<td>425×540</td>
<td></td>
</tr>
<tr>
<td></td>
<td>recorder</td>
<td>12VDC</td>
<td>1×5,0A</td>
<td></td>
<td></td>
<td>5,0A – glass fuse</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Buffer power supply units 13,8VDC, switch mode power supply unit for Access Control Systems - DAHUA AWZ series

- power supply: 200÷240VAC
- impulse voltage stabilizer
- deep discharge battery protection (UVP)
- technical outputs OC and relay type:
  - EPS – AC power failure
  - LoB – low battery voltage
  - PSU – power supply failure
- number of DIN rails / length / number of „S” fields: 1 / 185mm / 10
- protections:
  - SCP short circuit protection, OLP overload protection
  - OVP overvoltage protection, surge protection
  - antisabotage protection
- dedicated to mounting controllers:
  - Dahua ASC2104B-T, ASC2102B-T (and similar)
- warranty: 2 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Fitting battery</th>
<th>Number of DIN rails / length / number of „S” fields</th>
<th>Dimensions W×H×D+D1 [±/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWZ637</td>
<td>13,8VDC</td>
<td>7A</td>
<td>1,0A / 2,0A</td>
<td>17Ah</td>
<td>1 / 185mm / 10</td>
<td>320×397×92+8</td>
</tr>
</tbody>
</table>
Buffer power supply units – single output 12VDC / 5A
ROUPS...VR series

- power supply: 176÷264VAC
- available models: 12VDC / 1×5A
- number of outputs × fuse: 1×5A
- fuse type: glass fuse
- battery charging current: 1A
- battery: 1×7÷28Ah
- deep discharge battery protection – UVP
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
- technical output of relay type:
  - ALARM – technical output of collective failure
- acoustic indication of failure – BUZZER
- notes:
  - standard RACK 19” – 2U enclosure
- warranty: 2 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Number of outputs</th>
<th>Battery charging current (fitting battery)</th>
<th>Fuse type</th>
<th>Technical outputs of alarm</th>
<th>Mounting dimensions W×HxD</th>
<th>Dimensions W / H / D [±/− 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUPS12VR</td>
<td>12VDC</td>
<td>6A</td>
<td>1×5A</td>
<td>1A 1×7÷28Ah</td>
<td>5A – glass fuse</td>
<td>✓</td>
<td>19”×2U×262</td>
<td>482 / 442 / 88 / 262 5 / 32</td>
</tr>
</tbody>
</table>

Buffer power supply units – single output 13,8VDC / 27,6VDC / 54VDC
ROUPS series

- power supply: 176÷264VAC
- available models: 13,8VDC / 1×18A
  27,6VDC / 1×9A
  54VDC / 1×4,5A
- number of outputs × fuse: 1×20A / 1×10A / 1×5A *
- fuse type: glass fuse
- battery charging current: 0,5A / 1A / 2A *
- battery: 1×7÷65Ah / 2×7÷28Ah / 4×7÷17Ah *
- deep discharge battery protection – UVP
- protections:
  - SCP short circuit protection, OLP overload protection
  - OVP overvoltage protection, surge protection
  - OHP overheat protection
- technical output of relay type:
  - ALARM – technical output of collective failure
- acoustic indication of failure – BUZZER
- notes:
  - standard RACK 19” – 2U enclosure
- warranty: 2 years from production date

* depending on model

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Number of outputs</th>
<th>Battery charging current (fitting battery)</th>
<th>Fuse type</th>
<th>Technical outputs of alarm</th>
<th>Mounting dimensions W×HxD</th>
<th>Dimensions W / H / D [±/− 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUPS12V</td>
<td>13,8VDC</td>
<td>20A</td>
<td>1×18A</td>
<td>2A 1×17÷65Ah</td>
<td>20A – glass fuse</td>
<td>✓</td>
<td>19”×2U×262</td>
<td>482 / 442 / 88 / 262 5 / 32</td>
</tr>
<tr>
<td>ROUPS24V</td>
<td>27,6VDC</td>
<td>10A</td>
<td>1×9A</td>
<td>1A 2×7÷28Ah</td>
<td>10A – glass fuse</td>
<td>✓</td>
<td>19”×2U×262</td>
<td>482 / 442 / 88 / 262 5 / 32</td>
</tr>
<tr>
<td>ROUPS48V</td>
<td>54VDC</td>
<td>5A</td>
<td>1×4,5A</td>
<td>0,5A 4×7÷17Ah</td>
<td>5A – glass fuse</td>
<td>✓</td>
<td>19”×2U×262</td>
<td>482 / 442 / 88 / 262 5 / 32</td>
</tr>
</tbody>
</table>

AUX output of power supply can be divided into 8 outputs using RACK strip fuses: RLB8
Distribution fuse modules - 8 outputs dedicated for power supply units of ROUPS... RLB series

- power supply: $U_{IN} = 10\div56\text{VDC}$
- available models: $U_{OUT} = U_{IN} / 8\times2.0\text{A (max.)}$
- number of outputs × fuse: $8\times2.0\text{A}$
- fuse type: glass fuse
- protections:
  - SCP short circuit protection
  - OLP overload protection
- technical output of relay type:
  - ALARM – technical output of collective failure
- notes:
  - standard RACK 19” – 2U enclosure
- warranty: 2 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Input voltage $U_{IN}$</th>
<th>Output voltage $U_{OUT}$</th>
<th>Number of outputs</th>
<th>Fuse type</th>
<th>Technical outputs of alarm</th>
<th>Mounting dimensions W×H×D</th>
<th>Dimensions W / H / D [+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLB8</td>
<td>10+56VDC</td>
<td>$U_{OUT} = U_{IN}$</td>
<td>$8\times2\text{A (max.)}$</td>
<td>2A - glass fuse</td>
<td>✓</td>
<td>19”×2U×90</td>
<td>482 / 442 / 88 / 90 15</td>
</tr>
</tbody>
</table>
Enclosed buffer power supply units 13,8VDC / 27,6VDC / 54VDC
switch mode
PSB series

- power supply: 176÷264VAC
- impulse voltage stabilizer
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
  - OHP overheat protection *
- warranty: 2 years from production date

* depending on model

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Dimensions L×W×H [+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSB-251215</td>
<td>13,8VDC</td>
<td>1,5A</td>
<td>0,5A</td>
<td>110×78×36</td>
</tr>
<tr>
<td>PSB-351225</td>
<td></td>
<td>2,5A</td>
<td>0,5A</td>
<td>129×98×40</td>
</tr>
<tr>
<td>PSB-501235</td>
<td></td>
<td>3,5A</td>
<td>0,5A</td>
<td>159×97×42</td>
</tr>
<tr>
<td>PSB-751250</td>
<td></td>
<td>5,0A</td>
<td>0,5A</td>
<td></td>
</tr>
<tr>
<td>PSB-1001270</td>
<td></td>
<td>7,0A</td>
<td>1,0A / 2,0A</td>
<td>199×97×42</td>
</tr>
<tr>
<td>PSB-15512110</td>
<td></td>
<td>11,0A</td>
<td>1,0A / 4,0A</td>
<td>199×110×50</td>
</tr>
<tr>
<td>PSB-30012200</td>
<td></td>
<td>20,0A</td>
<td>2,0A / 4,0A / 8,0A</td>
<td>275×115×50</td>
</tr>
<tr>
<td>PSB-502418</td>
<td>27,6VDC</td>
<td>1,8A</td>
<td>0,3A</td>
<td>159×97×42</td>
</tr>
<tr>
<td>PSB-1002435</td>
<td></td>
<td>3,5A</td>
<td>0,5A / 1,0A</td>
<td>199×97×42</td>
</tr>
<tr>
<td>PSB-1552455</td>
<td></td>
<td>5,5A</td>
<td>0,5A / 2,0A</td>
<td>199×110×50</td>
</tr>
<tr>
<td>PSB-30024100</td>
<td></td>
<td>10,0A</td>
<td>1,0A / 2,0A / 4,0A</td>
<td>275×115×50</td>
</tr>
<tr>
<td>PSB-1554828</td>
<td></td>
<td>2,8A</td>
<td>0,5A / 1,0A</td>
<td>199×110×50</td>
</tr>
<tr>
<td>PSB-3004850</td>
<td>54VDC</td>
<td>5,0A</td>
<td>0,5A / 1,0A / 2,0A</td>
<td>275×115×50</td>
</tr>
</tbody>
</table>

Enclosed buffer power supply units 13,8VDC / 27,6VDC
switch mode, with technical outputs
PSBOC series

- power supply: 176÷264VAC
- impulse voltage stabilizer
- technical outputs OC and relay type:
  - EPS – 230V power failure AC
  - PSU – power supply failure
  - LoB – low battery voltage
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
  - OHP overheat protection *
- warranty: 2 years from production date

* depending on model

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Technical outputs</th>
<th>Dimensions L×W×H [+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSBOC351225</td>
<td>13,8VDC</td>
<td>2,5A</td>
<td>0,5A</td>
<td>✓</td>
<td>129×98×67</td>
</tr>
<tr>
<td>PSBOC501235</td>
<td></td>
<td>3,5A</td>
<td>0,5A</td>
<td>✓</td>
<td>159×97×68</td>
</tr>
<tr>
<td>PSBOC751250</td>
<td></td>
<td>5,0A</td>
<td>0,5A</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>PSBOC1001270</td>
<td></td>
<td>7,0A</td>
<td>1,0A / 2,0A</td>
<td>✓</td>
<td>199×97×70</td>
</tr>
<tr>
<td>PSBOC15512110</td>
<td></td>
<td>11,0A</td>
<td>1,0A / 4,0A</td>
<td>✓</td>
<td>199×110×78</td>
</tr>
<tr>
<td>PSBOC30012200</td>
<td></td>
<td>20,0A</td>
<td>2,0A / 4,0A / 8,0A</td>
<td>✓</td>
<td>275×115×78</td>
</tr>
<tr>
<td>PSBOC1552455</td>
<td>27,6VDC</td>
<td>5,5A</td>
<td>0,5A / 2,0A</td>
<td>✓</td>
<td>199×110×78</td>
</tr>
</tbody>
</table>
Buffer power supplies for DIN rail 13,8VDC / 27,6VDC
DINB series

- power supply: 90÷264VAC / 176÷264VAC *
- impulse voltage stabilizer
- deep discharge battery protection (UVP)
- protections:
  ◦ SCP short circuit protection
  ◦ OLP overload protection
  ◦ surge protection
- warranty: 2 years from production date

* depending on model

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Dimensions L×W×H [+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>DINB13830</td>
<td>13,8VDC</td>
<td>3,5A</td>
<td>0,5A</td>
<td>122×93×50</td>
</tr>
<tr>
<td>DINB13850</td>
<td></td>
<td>5,5A</td>
<td></td>
<td>122×93×60</td>
</tr>
<tr>
<td>DINB27620</td>
<td>27,6VDC</td>
<td>2,2A</td>
<td>0,2A</td>
<td>122×93×50</td>
</tr>
<tr>
<td>DINB27630</td>
<td></td>
<td>3,2A</td>
<td></td>
<td>122×93×60</td>
</tr>
</tbody>
</table>

Buffer power supply modules 13,8VDC
switch mode, with technical outputs
MSRK series

- available models: 13,8VDC / 2A; 3A
- impulse voltage stabilizer
- supply voltage: external transformer required 18÷22VAC
- battery charging and maintenance control
- battery output short circuit protection and reverse polarity connection
- protections:
  ◦ SCP short circuit protection
  ◦ OLP overload protection
  ◦ OHP overheat protection
  ◦ surge protection
- technical outputs OC type:
  ◦ EPS - 230V power failure AC
  ◦ PSU - power supply failure
  ◦ LoB - low battery voltage
- deep discharge battery protection (UVP)
- adjustable times indicating AC power failure
- START facility for manual battery connection
- warranty: 5 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Output current</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Technical outputs</th>
<th>Deep discharge battery protection</th>
<th>Dimensions L×W×H [+/- 2mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSRK2012</td>
<td>13,8VDC</td>
<td>2,2A</td>
<td>0,2A / 0,5A</td>
<td>✓</td>
<td>✓</td>
<td>86×63×40</td>
</tr>
<tr>
<td>MSRK3012</td>
<td></td>
<td>3,5A</td>
<td>0,5A / 1,0A</td>
<td>✓</td>
<td>✓</td>
<td>88×93×55</td>
</tr>
</tbody>
</table>
Desktop type power supplies, buffer 13,8VDC
IP67 hermetic enclosure, epoxy encapsulated
PSCLB series

- power supply: 90÷264VAC
- power supply is not fitted with 230VAC plug, cables are terminated with screw connectors
- IP67 hermetic enclosure - epoxy encapsulated
- cable length DC – 0,5m
- DC output – JACK plug – DC 5.5/2.1 – female
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - surge protection (AC input)
- warranty: 2 years from production date

<table>
<thead>
<tr>
<th>Code</th>
<th>Output voltage</th>
<th>Total current</th>
<th>Battery charging current</th>
<th>Dimensions L×W×H [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCLB13810</td>
<td>13,8VDC</td>
<td>1,3A</td>
<td>0,3A</td>
<td>135×50×33</td>
</tr>
<tr>
<td>PSCLB13820</td>
<td>2,3A</td>
<td></td>
<td></td>
<td>150×56×34</td>
</tr>
<tr>
<td>PSCLB13830</td>
<td>3,3A</td>
<td></td>
<td></td>
<td>178×56×34</td>
</tr>
</tbody>
</table>

Sample product: PSCLB13830

Accessories for power supply
More information at www.pulsar.pl

Voltage converters DCDC
Voltage reducers - linear
Fuse modules
Protection modules
Relay modules
Relay modules - time
Modules of technical outputs
Bracket DIN
Metal clamps with a mounting plate
Battery controllers
Enclosures for batteries
Enclosures for power supply units PS... series