

## Power supplies

| TAPS-8 BUS                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | <p>Type A power supply for Tecnoalarm systems -<br/>           1 Siren Bus port for the connection of RSC® sirens - 4 programmable outputs -<br/>           Integrated RSC® technology: remote programming and management -<br/>           Self test and automatic battery disconnection in case of deep discharge -<br/>           Front panel with 6 status LED - 8A/13.8V DC switching Fly-back power supply -<br/>           Bay for 2x 12V/17Ah batteries - RS485 connection - Metal casing -<br/>           Dimensions (L x H x D) 320 x 365 x 170mm - Black -<br/>           EN 50131-6 certification security grade 2 or 3 (depending on the current provided by the batteries and the degree of remote management of the system)</p> |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | Item no. F107TAPS-8BUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

### TAPS-8 BUS - Technical and functional specifications

|                                                                                                             |                             |                                      |
|-------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------|
| General features                                                                                            | Power supply                | Type A<br>8A/13.8V DC                |
|                                                                                                             | Connection                  | Serial Bus                           |
| System equipment                                                                                            | Serial buses                | Serial Bus<br>Siren Bus              |
|                                                                                                             | Outputs                     | 4 programmable                       |
| Electrical output specifications                                                                            | Power supply outputs        | 6                                    |
|                                                                                                             | Output voltage              | 12.5V...13.8V DC                     |
|                                                                                                             | Max. ripple                 | ≤50mVpp                              |
|                                                                                                             | Battery recharge current    | 850mA per battery                    |
|                                                                                                             | Current available for loads | Max. 5.5A                            |
|                                                                                                             | Overvoltage protection      | >16V DC ±10%                         |
| Anti-tamper protection                                                                                      | Anti-opening/detachment     | Micro-switch                         |
|                                                                                                             |                             |                                      |
| Electrical specifications                                                                                   | Power supply                | 8A/14.4V DC<br>switching Fly-back    |
|                                                                                                             | Operating voltage           | 230V AC<br>+10/-15% 50Hz             |
|                                                                                                             | Max. consumption            | 600mA AC                             |
| Batteries<br>(Storage Device)                                                                               | Capacity                    | 2x 12V/17Ah                          |
|                                                                                                             | Battery test                | Automatic/manual                     |
|                                                                                                             | Charging time               | 80% ca. 19h<br>(2 batteries of 17Ah) |
|                                                                                                             | Low battery threshold       | 10.8V DC                             |
|                                                                                                             | Cut-off voltage             | <8.8V DC                             |
| Physical specifications                                                                                     | Environmental class         | II                                   |
|                                                                                                             | Protection class            | IP3X                                 |
|                                                                                                             | Casing                      | Metal                                |
|                                                                                                             | Dimensions (L x H x D)      | 320 x 365 x 170mm                    |
|                                                                                                             | Weight                      | 5.8kg                                |
| Autonomy<br>Security grade                                                                                  | Grade 2                     | 12h (2.83Ah*)                        |
|                                                                                                             | Grade 3                     | 60h (0.56Ah*)                        |
|                                                                                                             | Grade 3 remotely controlled | 30h (1.12Ah*)                        |
| Conformity                                                                                                  | Standard                    | EN 50131-6                           |
|                                                                                                             | Notified body               | IMQ                                  |
| The security grade depending current and autonomy<br>* Available current for loads in case of power failure |                             |                                      |