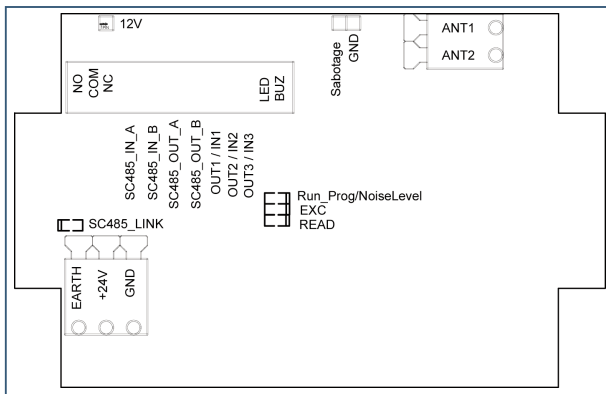


# T30/50/70 ELECTRONICS FOR LONG RANGE READER

[v.5.3]

## DATA SHEET

### STATUS LEDs



SC-485 Link: Green led blinking shows the activity of SC-485 communication.

Run\_Prog/Noise Level: Red led blinking shows the activity of program, the blinking frequency shows the measured noise level at the start up.

(higher blinking rate = higher noise level)

EXC: Yellow led blinking shows the time of excitation

READ: Green led shows the event of valid card code read.

### TECHNICAL SPECIFICATION

|               |   |
|---------------|---|
| Description   | The reader device for T30-08, T50-08 and T70-08 |
| Part number   | T70/50-E  |
| Application   | Access Control System                           |
| Material      | Plastic   |
| Communication | SC-485 / max. 1200m / Cat5 cable                |

### MECHANICAL SPECIFICATION

|           |  |
|-----------|--|
| Dimension | 120 x 80 x 60 mm (140x80x60 mm with housing) |
|-----------|--|

### ELECTRICAL SPECIFICATION

|                           |                           |
|---------------------------|---------------------------|
| Supply voltage            | nominal +24V (20 - 28V)   |
| Current consumption       | Typical 800 mA; Peek 1.5A |
| Operating temperature     | -20 C - + 50C             |
| Protection Classification | IP65                      |

### CONNECTION

|                              |   |
|------------------------------|---|
| GND                          | Power Supply Ground                             |
| V24                          | Power Supply + 24V                              |
| EARTH                        | Earth   |
| SC485_IN_A/B, SC485_OUT_A/B  | SC485 connector                                 |
| ANT1, ANT2                   | Antenna cable connector                         |
| OUT1/IN1, OUT2/IN2, OUT3/IN3 | Configurable IO (Outputs OC max 0.5A)           |
| NO, NC, COM                  | Relay Connections (max. 30V / 1A / 30V )        |
| LED, BUZ                     | Output for signaling card read (OC, max. 0.5A ) |
| SABOTAGE (GND)               | Input for sabotage switch                       |
| V12                          | +12V output for testing                         |

