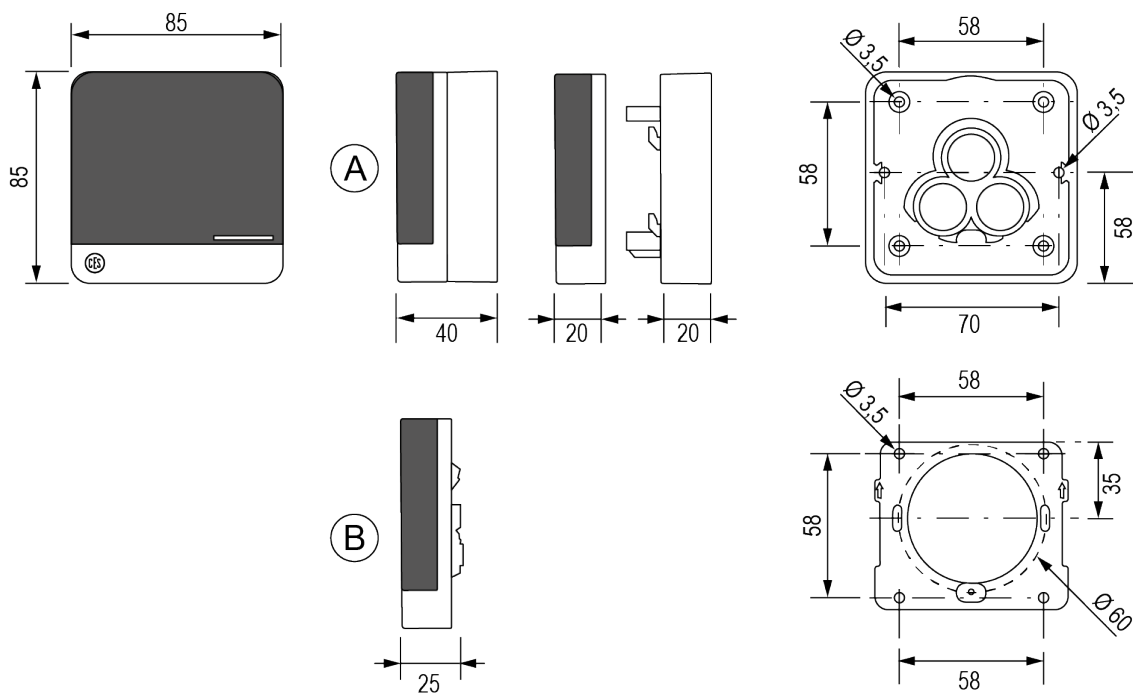


## CES OMEGA FLEX

### Update-Terminal



Update terminal as flush-mounted and surface-mounted variant



A = surface-mounted  
B = flush-mounted

## CES OMEGA FLEX Update-Terminal

### Technical data

|  |  |
|--|--|
| <b>Article designation</b>                             | CES OMEGA FLEX Update-Terminal (Art.Nr. WT-U-F)<br>Additional door controller needed: TSG1 (Art.-Nr 342622V)   |
| <b>Suitable locking media</b><br>(MIFARE version only) | MIFARE® Classic® (1k/4k), MIFARE® DESFire® EV2 (UID conforming to ISO14443 and application), all ISO14443 locking media (not MIFARE Ultralight® C)   |
| <b>Reading range</b>                                   | Approximately 30 mm  |
| <b>Online radio frequency</b>                          | 868 MHz  |
| <b>Encrypted data transmission</b>                     | 128 bit/AES  |
| <b>Number of locking media</b>                         | Max. 5,000   |
| <b>Number of events</b>                                | Max. 2,000   |
| <b>Opening duration</b>                                | 2 to 180 seconds, adjustable (optional) (standard: 10 seconds)   |
| <b>Temperature range</b>                               | -25 °C to +70 °C at 0...95% rH non-condensing  |
| <b>Prohibited atmospheres</b>                          | Not suitable for use in corrosive atmospheres<br>(chlorine, ammonia, lime water)   |
| <b>Connection points (as screw terminals)</b>          | 1x potential-free contact<br>1x RS232 interface<br>1x power supply<br>1x relay, normally open<br>1x relay, changeover<br>1x connection to door controller TSG1 (RS485 interface)   |
| <b>Relay switching capacity</b>                        | 1.8 A; 30 V DC   |
| <b>Relay modes</b>                                     | Relay modes, adjustable via the CEStronics Suite:<br>Pulse      Relay switches during opening duration (with or without delay)<br>Toggle     Relay status changes over once an authorised locking medium is read<br>Deadman   The relay switches as long as an authorised locking medium is presented (with or without delay)<br>Off         Relay is not actuated |
| <b>Line length</b>                                     | Connection of WT-U-F and door controller TSG1:<br>Max. 500 m twisted pair, AWG 24 or better, shielded  |
| <b>Operating voltage</b>                               | 12-24 V AC/DC  |
| <b>Power consumption</b>                               | 5 W  |
| <b>Usable housing</b>                                  | CES standard, weatherproof housing (IP55), Telecom Behnke  |
| <b>CE approval</b>                                     | EN 300 220-1, 2; EN 300 330-1, 2; EN 301 489-1, 3; EN 60950-1, EN 62311  |