

CES OMEGA FLEX

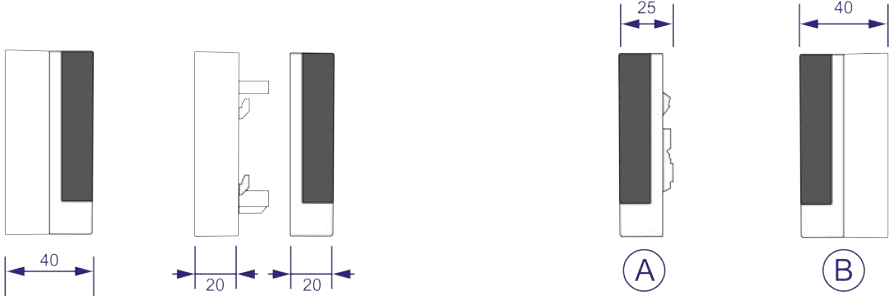
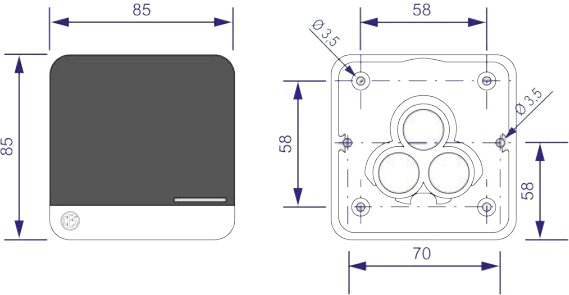
Wall terminal

Update-Terminals with WT-B-I and WT-B-II



WT-B-I Reader and Controller in one housing

WT-B-II Reader and Controller in separate housings (flush- / surface-mounted)



A = flush-mounted B= surface-mounted

CES OMEGA FLEX Update-Terminals with WT-B-I and WT-B-II

Technical Data

Article name	CES OMEGA FLEX Update-Terminal with WT-B-I (Art.-Nr. 342555V) incl. Brainbox LAN adapter CES OMEGA FLEX Update-Terminal with WT-B-II (Art.-Nr. 342556 V) incl. Brainbox LAN adapter
Suitable locking media (MIFARE only)	MIFARE® Classic® (1k/4k), MIFARE® DESFire® EV1 and EV2 (UID conforming to ISO 14443 and application), all ISO 14443 locking media (not MIFARE Ultralight® C)
Reading range	Approx. 30 mm
Online radio frequency	868 MHz
Encrypted data transmission	128 bit/AES
Number of locking media	Max. 5.000
Number of events	Max. 2.000
Opening duration	2 - 180 seconds, adjustable (optional) (standard: 10 seconds)
Temperature range	-25 °C to +70 °C at 0...95% rH non-condensing
Prohibited atmospheres	Not suitable for use in corrosive atmosphere (chlorine, ammonia, lime water)
Connections (screw terminals)	1 x potential-free contact 1 x connection from controller to reader (RS 232 interface) (WT-II only) 1 x power supply 1x closing relay 1x changeover relay
Relay switching capacity	1.8 A; 30 VDC
Relay modes	Relay modes which can be set in the CESTronics Suite: Impulse The relay switches during the opening duration (with or without delay) Toggle The relay state will change after having read an authorised locking medium Dead-man The relay will switch as long as an authorised locking medium is held in front of it (with or without delay). Off The relay is not controlled (e.g. for validation terminals).
Cable length for the connection between reader and controller (WT-B-II)	Connection Reader – Controller: Max. 20 m, cable type J-Y(St)-Y 2 x 2 x 0.6 mm (or > than 0.6 mm) Connection Controller – LAN adapter: Max. 500 m with Twisted Pair, AWG24 or better, shielded
Operating voltage	12-24 V AC/DC
Power consumption	WT-I: 3 W WT-II: 5 W
Suitable housings	CES Standard, weatherproof housing (IP54), Behnke Telecom
CE testing	EN 300 220-1, 2; EN 300 330-1, 2; EN 301 489-1, 3; EN 60950-1, EN 62311
LAN adapter	
Article name	Brainbox LAN adapter via RS 485 port
LAN adapter (incl. power supply)	
Operating voltage	power supply with power input 5–30V DC
Connections	1 x LAN 1 x power supply 1 x RS485 (connection to WT-B)
LAN adapter with PoE (excl. power supply)	optional
Connections	1 x LAN (PoE) 1 x RS485 (connection to WT-B)

Ordering information

Quantity	Article number	Variant	Housing	Designation