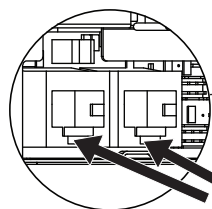
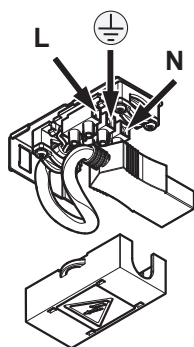
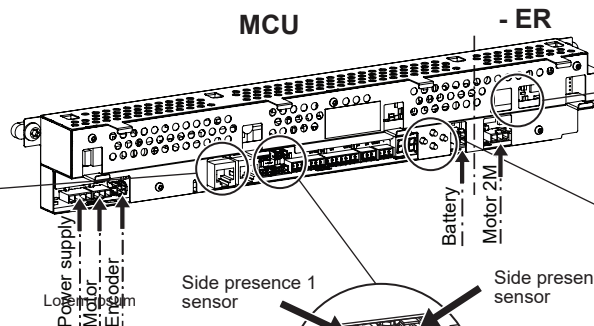


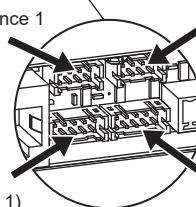
Mains power
100-240 V AC
50/60 Hz, 10 A



Operation Mode
Selector (OMS),
interconnected MCU / MCU-ER

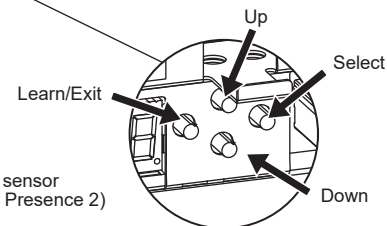


Side presence 1
sensor



Side presence 2
sensor

Outer combination sensor
(outer impulse and Presence 2)



Escape

CW
CCW

Up
Select
Down

MCU / MCU-ER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Not to be used

Lock

(+) Lock

(+) 24 V DC

Inner impulse

(-) 0 V DC

(+) 24 V DC

Presence + stop monitoring *

Key impulse **

Presence impulse 2

C-switch or inner/outer impulse monitoring *

Presence impulse 1

(-) 0 V DC

(+) 24 V DC

Side presence monitoring

Outer impulse

Function Select TB:4 Side presence impulse 2/Off/Exit/Auto Partial/Open/Winter mode

Function Select TB:3 Stop impulse/Emergency open impulse/No function

Function Select TB:2 Side presence impulse 1/Off/Exit/Auto partial/Open/Winter mode

(-) 0 V DC

IOU

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

(+) 24 V DC

Battery wake up

Function Select TB:6 Sustainable drive mode OFF/Mode selector enable

Emergency open

Function Select TB:4/Open/Close impulse/Interlock OFF/Inner imp. 2 monit./Interlock in

Function Select TB:3/Nurse function/LDE up/Interlock out/Fire alarm reset

Function Select TB:2/Close or Robbery impulse/LDE down/Inner impulse 2/Fire alarm reset

0 V

(-) 0 V DC

Reset

Off

Exit/Pharmacy impulse 1

Auto partial/Pharmacy impulse 2

Open

(+) 24 V DC

Lock

Lock

Bistable or Espagnetote lock only

File

File

External alarm loop 12-24 V

File

Error/Status NC

Error/Status COM

Error/Status NO

max. 15W

42 V AC / 30 V DC

(SELV)

resistive load only

* Configuration Sensor Type is set as 1 wire monitoring = Presence, stop, inner (and/or) outer impulse monitoring and terminal MCU TB10 is C-Switch

**If mains power is off the Key impulse can generate a battery wake up if battery is fitted. The door can open or open/close.



Control unit
MCU/MCU-ER, IOU

Connection drawing

ASSA ABLOY

6.0

1010785-en

CONNECTION OF PRESENCE ACTIVATION UNITS TO MCU/MCU-ER



*** SC31-E Presence impulse shall be configured to NC.
Connect from sensor 1 Pink to sensor 2 Black.
Connect from sensor 1 Black to MCU-13.
Connect from sensor 2 Pink to MCU-9.

**** SC53-E Presence impulse shall be configured to NC.
Connect from sensor 1 Pink to sensor 2 Blue.
Connect from sensor 1 Blue to MCU-13.
Connect from sensor 2 Pink to MCU-9.



Connection drawing