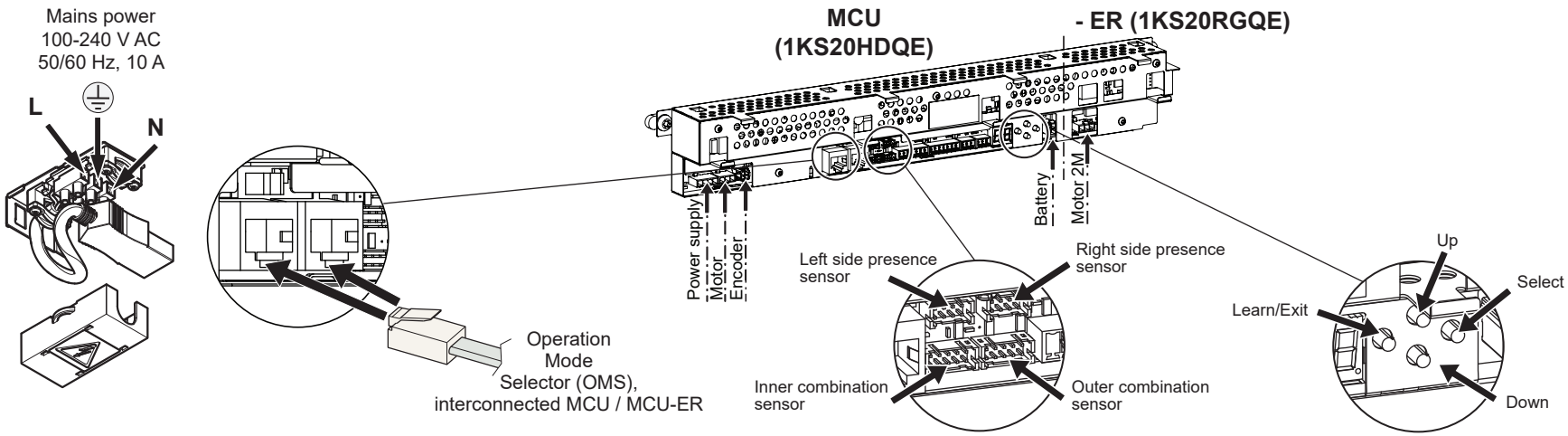


MCU (1KS20HDQE) / MCU-ER (1KS20RGQE)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
(–) 0 V DC	Side presence impulse 1	Stop impulse	Side presence impulse 2	Outer impulse	Side presence monitoring	(+) 24 V DC	(–) 0 V DC	Presence impulse 1	Inner impulse monitoring	Presence impulse 2	Key impulse **	Presence monitoring *	(+) 24 V DC	(–) 0 V DC	Inner impulse	(+) 24 V DC	(+) Lock	Lock	Not to be used

* 1 wire monitoring = Presence, inner (and/or) outer impulse monitoring

** It is possible to give key impulse if KS902BAT2 battery is fitted

IOU (KS902MP)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
0 V	Function Select TB:2/Close impulse/Inner impulse 2	Function Select TB:3/Nurse function	Function Select TB:4/Open/Close impulse/Interlock OFF/Inner imp. 2 monit./Interlock in	Emergency open	Mode selector disable	Battery wake up	(+) 24V DC	(–) 0 V DC	Reset	Off	Exit	Auto partial	Open	(+) 24 V DC	Lock	Lock	Fire	Fire	External alarm loop 12-24 V DC	Error/Status NO	Error/Status COM	Error/Status NC

Bistable lock only

max. 15W
42 V AC / 30 V DC
(SELV)
resistive load only

FOR ELECTRICAL CONNECTION, START UP AND PARAMETER SETTING, PLEASE REFER TO DAS200 INSTALLATION MANUAL USING THE FOLLOWING QR CODE.

https://www.ditecentrematic.com/Entrematic/ditecentrematicCOM/QR/Multilanguages/DAS200/DitecDAS200.pdf

© ASSA ABLOY Entrance Systems AB, 2022
Technical data subject to change without notice.

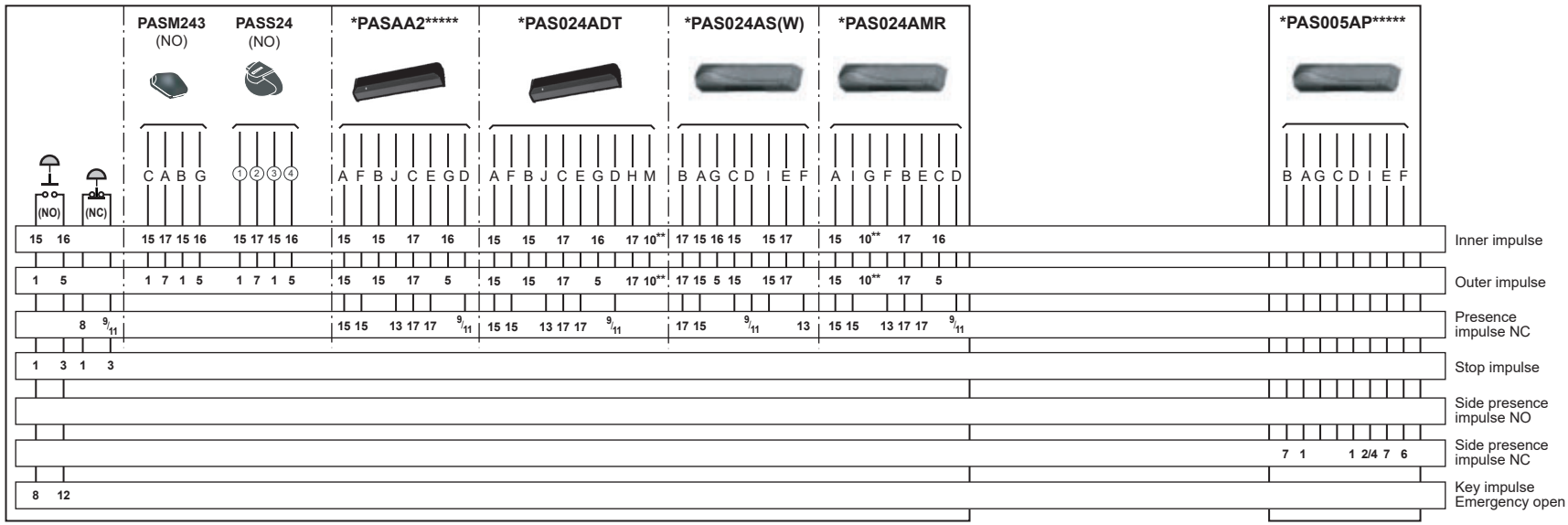
Control unit
MCU/MCU-ER, IOU
(1KS20HDQE/1KS20RGQE, KS902MP)
Connection drawing

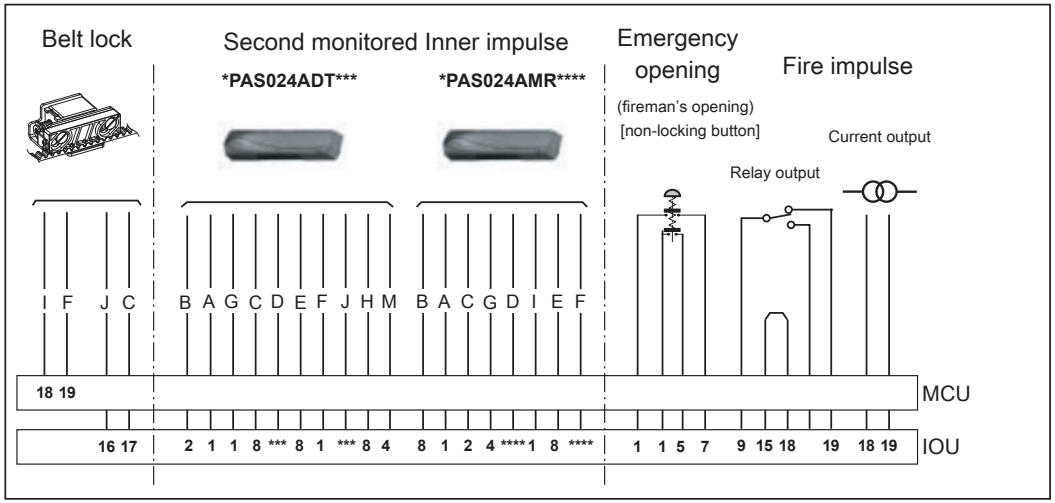
Ditec

2.0 | 1019331-Dlen

CONNECTION OF ACTIVATION UNITS TO MCU/MCU-ER

CONNECTION OF PRESENCE ACTIVATION UNITS TO MCU/MCU-ER





A= Brown
B= Green
C= White
D= Pink
E= Red
F= Blue
G= Yellow
H= Grey/Pink
I= Grey
J= Black
M= Red/Blue
N= Purple
O= Orange

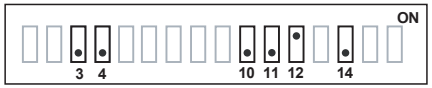
* Can be monitored

** Connect if inner/outer impulse monitoring is wanted

***PAS024ADT 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.

****PAS024AMR 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.

*****Set the selection DIP switches on selector PASAA2 as shown below:



Connection drawing

1019331-Dlen-2.0