

LOGIC BOARD

Bodyguard (master; safety side): Prevents door from opening; holds open door in open position (uses door state data from control box to ignore door movement while opening/closing)

P1
on-board connector

If used

Cable
761468

Bodyguard
JST-type
connector

Bodyguard cable
to Bodyguard
sensor

DMSS (master; safety side): Prevents door from opening, and slows an opening door

P2
on-board connector

If used

Safety

DMSS
harness
761467

Black, 24 VAC
Red, 24 VAC
White, Slowdown
Green, Ground

To DMSS
(master;
safety side)

DMSS (master; approach side): Initiates a door opening cycle if activated while door is closing

P3
on-board connector

If used

Approach

DMSS
harness
761467

Black, 24 VAC
Red, 24 VAC
White, Activate
Green, Ground

To DMSS
(master;
approach side)

DMSS (companion; safety side): Prevents door from opening, and slows an opening door

P4
on-board connector

If used

Safety

DMSS
harness
761467

Black, 24 VAC
Red, 24 VAC
White, Slowdown
Green, Ground

To DMSS
(companion;
safety side)

DMSS (companion; approach side): Initiates a door opening cycle if activated while door is closing

P5
on-board connector

If used

Approach

DMSS
harness
761467

Black, 24 VAC
Red, 24 VAC
White, Activate
Green, Ground

To DMSS
(companion;
approach side)

Activate: Initiates a door opening cycle

P6
on-board connector

If used

Cable
761464

Black, 24 VAC
White, 24 VAC
Yellow, Activate
Gray, Ground

Used only for powered activation device
Activate cable
To normally open Activate contacts

Activate: Initiates a door opening cycle (operates identically to P6 and is provided as a convenience if 2 activations are used)

P7
on-board connector

If used

Cable
761464

Black, 24 VAC
White, 24 VAC
Yellow, Activate
Gray, Ground

Used only for powered activation device
Activate cable
To normally open Activate contacts

Retrofit Accessories: Accesses older model Activate, Slow/Stop, and Carpet Safety inputs

P8
on-board connector

Retrofit only

Cable
761469

Blue, Carpet Safety
Gray, Ground
Yellow, Activate
Violet, Slowdown

To existing cable
710057 (old part
No. 81276)

Breakaway: Disables operator inputs when Breakaway switch is active

permanent connections

Orange
Black

To normally closed
Breakaway switch
or jumper 81269

3-Position Switch: OFF, AUTO, HOLD

permanent connections

Red
Green
Black

To 3-position
switch (if used)

Locking Interface: Power output and relay contacts for locking devices; Power Boost disable input

P10
on-board connector

If used

Cable
761465

Blue, Power Boost disable
Black, Ground
Violet, Relay NO
Gray, Relay COM
Brown, Relay NC
Green, 5 V
White, 24 VAC
White, 24 VAC

To normally open
Power Boost
disable contacts
To locking device
(see page 7 for
sample wiring)

POWER BOARD

Companion Motor Power: Companion motor power (use only for second door of simultaneous pair of doors)

P5
on-board connector

If used

Cable
761466

To motor cable of
companion operator
(use only for second
door of simultaneous
pair of doors)

Master Motor Power: Master motor power (use for single door)

permanent connections

To motor cable of
master operator
(always use for
single door)

AC Input: 120 VAC

permanent connections

Cable
761463

Black, Hot AC
White, Neutral AC
Green, Earth Ground

To 120 VAC

Figure 3-5