

# A200-DR

## ELEVATOR DOOR RESTRICTOR



### KEEP ELEVATOR DOORS CLOSED BETWEEN FLOORS

The A200-DR Elevator Door Restrictor enhances passenger safety by preventing doors from opening when outside the landing zone, reducing the risk of falls into the hoistway or becoming trapped between floors. In a power failure or breakdown, it keeps doors securely closed until emergency personnel can safely assist passengers in exiting.

Patented improvements make the A200-DR and A200-SOL-2 more durable and easier to install. The solenoid has fewer components, replacing elastomers with metals, increasing material thicknesses, and using stainless steel. The upgraded electronics include a bright, user-friendly touchscreen, while robust drive electronics ensure long-term reliability.

#### \* KEEPS PASSENGERS SAFE

Prevents passengers from opening elevator doors outside the landing zone, keeping customers safe inside the cab, reducing the risk of injury and ensuring compliance with safety codes.

#### \* FITS IN MORE PLACES

With a reduced width and height vs. traditional plunger door restrictors, the A200-SOL-2 fits in smaller spaces, making it compatible with a wider range of elevators.

#### \* LONGER LIFE

Upgraded electronics and solenoid provide a significantly longer lifespan compared to traditional door restrictors, resulting in fewer entrapments, calls, and customer complaints.

#### \* RUNS 1 OR 2 DOORS

The A200-DR door restrictor electronics can operate one or two solenoids, making them compatible with both single- and dual-door elevators. Using just one set of electronics for two doors reduces costs and simplifies installation.

#### \* ROBUST DESIGN

Features a simplified mechanical design with fewer, stronger components. Replaces elastomers with metals, includes increased material thicknesses, and uses stainless steel for enhanced durability.

#### \* EASY TO SERVICE

Patented features simplify maintenance. A slot in the mounting bracket and a hole in the z-bracket allow solenoid or plunger replacement without removing extra components.



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**ARGUS ELEVATOR, LLC**

Elevator Safety Made Simple™

## MECHANICAL SPECIFICATIONS

PARAMETER	VALUE / RANGE
Product dimensions	8.6" x 6.3" x 3.4"
Product weight	2.0 lbs.

## ELECTRICAL SPECIFICATIONS

PARAMETER	VALUE / RANGE
Rated supply voltage	90V to 300V AC/DC
Supply frequency	DC / 50Hz / 60 Hz
Supply current	60mA @ 115VAC / 35mA @ 230VAC / 30mA @ 277VAC
Power consumption	6.9VA @ 115VAC / 8.1VA @ 230VAC / 8.3VA @ 277VAC
Inputs available	2 independent and isolated
Inputs rated voltage	0 to 400V AC/DC
Inputs current consumption	0.8mA @ 120V / 1.5mA @ 300V
Inputs bandwidth	DC to 240Hz
Inputs impedance	150 kΩ
Relay Outputs available	2
Outputs type	N.O. and N.C dry contacts
Output duty	Pilot duty: 1.2A @300VAC / 0.1A @ 300VDC
Operating rate	5Hz
Solenoid Outputs Available	2
Output current consumption	1A max @ 12Vdc
Open Collector Output	1
Rated Voltage	12V @ 0.5A
Power consumption	0.6A/115VAC, 0.4A/230VAC, 0.3A/277VAC