4500 Series Electrified Rim
Grade 1 Electrified Rim Exit

Applications:
- Heavy Duty Commercial

Certifications:
- ANSI/BHMA A156.3-2014 Grade 1
- UL305 Listed for Panic Hardware
- UL/cUL Listed for up to 3 hours for "A" label single doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated
- Warnock Hersey listed for up to 3 hours with fire rated removable mullion
- Complies with ANSI A117.1 for accessible buildings and facilities
- Miami Dade NOA #17-1226.23 compliant. Must specify. Also complies with ANSI A 250.13 Severe Windstorm Resistant.

PRODUCT SPECIFICATIONS

TRIM:
- Escutcheon trim
- Pull plate trim

COVERS:
- Stainless steel, zinc

COVER TUBE:
- Aluminum

END CAPS:
- Zinc

DOOR WIDTH:
- 36" (914 mm) field sizeable to 30" (762 mm) panic-rated door and 28" (711 mm) fire-rated door for devices with any monitoring switches
- 48" (1219 mm) field sizeable to 36" (914 mm) panic- or fire-rated door for devices with any monitoring switches
- 36" (914 mm) field sizeable to 34" (864 mm) door minimum for devices with motorized electric latch retraction.
- 36" (914 mm) door minimum for devices with electric dogging, alarm kit, delayed egress or onboard delayed egress.
- 48" (1219 mm) field sizeable to 42" (1067 mm) door minimum for devices with electric dogging or alarm kit.
- 48" (1219 mm) field sizeable to 40" (1016 mm) door minimum for devices with motorized electric latch retraction.
- 48" (1219 mm) door minimum for devices with delayed egress or onboard delayed egress.

DOOR THICKNESS:
- 1-3/4" (44 mm) - standard up to 3", except with night latch which is 2-1/2"

STILE WIDTH:
- 5-3/8" - Min. stile width required for single doors and standard 5/8" stop
- 5-3/4" - Min. stile width required for double doors and 2" mullion
- 4-7/8" - Min. stile width required for double doors
- All stile widths are measured from door edge

FASTENERS:
- Wood and machine screws
- Thru-bolts

LATCHBOLT:
- 3/4" throw
- Stainless Steel with dead latch

STRIKES:
- Steel with plated rollers - Standard
- Overlapping strike for pair of doors
- Surface applied to frame with slotted holes for easy adjustment
- Fire rated strike for use with mullions

FINISHES:

FUNCTION:
- ED - Electric Dogging
- RX - Request to Exit
- EDRX - Electric Dogging with Request to Exit
- ALK - Alarm Kit
- AI - Authorized Ingress
- LM - Latch Bolt Monitor
- MLR - Motor Driven Electric Latch Retraction (Field Installation Kit 2-649-5007)
- MLRX - Motor Driven Electric Latch Retraction with Request to Exit
- DE - Delayed Egress
- OBDE - Onboard Delayed Egress

ELECTRICAL SPECIFICATIONS:
- ED; .225 AMP @ 24 Volt +/- 2 V
- RX, LM or AI; 125 VAC (3 AMP current); 30 VDC (2 AMP current)
- ELR; requires 2901/2902 power supply
- MLR; 1 AMP in rush @ 24 VDC +/- 2 V
- DE; 430mA @ 24V Single; 680mA @ 24V Tandem
- OBDE; 540mA @ 24V Single; 790mA @ 24V Tandem

WIRE REQUIREMENTS:
- EL and EU functions require 2 wires for power per device
- Status switches (i.e. RX, LM, etc.) require 2 wires per switch to monitor a normally open (NO) or normally closed (NC) position
- All devices provide 3 wires per switch so both NO and NC positions can be monitored
- Monitoring both positions will require 3 wires per switch

QUICK CONNECT:
- Only available on AI, ED, LM, MLR, and RX. Compatible with Hager Quick Connect Harness Cables which can plug into Hager hinges with quick connect for quick and accurate wiring of the door.

WARRANTY:
- One-year on electrified components
- Lifetime on hardware components
- Trim is not available in US32D