

## Device types

### 98-F/99-F Rim exit device



98-F and 99-F Rim fire exit devices are certified to ANSI/BHMA A156.3 2014, Grade 1 and UL listed for fire exit hardware. See page 67 for detailed information on UL fire exit hardware label and door opening size information. The 98-F device has a smooth mechanism case and the 99-F device has a grooved case. The rim device is non-handed except when the following device options are used: -2 (double cylinder) or SS (signal switch).

#### Specifications

Device functions	Device ships EO/DT/N; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 <sup>13</sup> / <sub>16</sub> " (1011mm) 39 <sup>11</sup> / <sub>16</sub> " (1008mm) with mullion
Center case	8" x 2 <sup>3</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>8</sub> " (203mm x 70mm x 60mm)
Mechanism case	2 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>4</sub> " (57mm x 57mm)
Projection	Pushbar neutral – 3 <sup>13</sup> / <sub>16</sub> " (97mm) Pushbar depressed – 3 <sup>1</sup> / <sub>16</sub> " (78mm)
Latch bolt	Deadlocking, <sup>3</sup> / <sub>4</sub> " (19mm) throw
Finishes	605, 606, 612, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 <sup>3</sup> / <sub>4</sub> " (44mm) and 2 <sup>1</sup> / <sub>4</sub> " (57mm) thick metal or wood doors; Optional 425 SNB available for metal doors; 425 and 825 SNB required on wood doors without SLM blocking (See page 64 for quantities)

#### Accessories



##### 299F Strike

Ships standard, optional strikes available



##### 499F Strike

With 9854/9954 mullion

#### Features and options

##### Electrified options

<b>LX</b>	Latch bolt monitor switch
<b>RX</b>	Request to exit
<b>RX2</b>	Double request to exit
<b>E</b>	Electric locking and unlocking trim
<b>EL</b>	Electric latch retraction
<b>QEL</b>	Quiet electric latch retraction
<b>SS</b>	Signal switch
<b>CX</b>	Chexit delayed exit
<b>ALK</b>	Alarm exit kit
<b>WP-RX</b>	Waterproof request to exit
<b>CON</b>	Alliegion Connect

##### Mechanical options

<b>-2</b>	Double cylinder
<b>-2SI</b>	Double cylinder with security indicator
<b>AX</b>	Accessible device
<b>GBK</b>	Glass bead kit
<b>PN</b>	Pneumatic latch retraction
<b>QM</b>	Quiet mechanical
<b>SNB</b>	Sex bolts
<b>SEC</b>	Security screws
<b>SLM</b>	Special laminate material blocking
<b>WH</b>	Weep holes
<b>XP</b>	Extra protection

##### Dogging option

No mechanical dogging;  
EL and QEL options available

##### Strikes

**299F** – Dull black, 499F with mullions