

1500 Series

new

The most advanced, modular, low profile solution for latchbolt locks



Works with every brand of cylindrical or mortise lock designed to work with a 4-7/8" strike plate.

Accommodates up to 3/4" latchbolt.

1600 Series

new

The most advanced, modular, versatile solution for latchbolt and deadbolt locks



Works with every brand of cylindrical or mortise lock designed to work with a 4-7/8" strike plate.

Accommodates up to 1" deadbolt with enhanced vertical cavity spacing.



Discover the Difference

Thinking ahead for you and your customers

Dynamic

Elegant Form & Function

Auto-sensing 12-24 VDC

Field selectable fail safe / fail secure

Fully finished faceplate, keeper, case and trim

Flexible

Designed with the Installer in Mind

Modular, field serviceable components

Integrated shim for stack pressure adjustment

Interchangeable faceplates and accessories across all models

Sustainable

Low Power

Field replaceable components reduce waste







EcoStrike® option consumes 98% less energy

PoE-friendly

ASSA ABLOY, the global leader in door opening solutions

hesinnovations.com

Comparison Chart

Manufacturer	WITH DEADBOLT			WITHOUT DEADBOLT		
	HES 1600	HES 1006	Competitor #1	HES 1500	HES 4500	Competitor #2
Model						
Certifications & Listings						
UL 10C, 3 hour single door fire-rated	Y	Y	Y	Y	Y	Y
UL 10C, 1-1/2 hour doubled door fire-rated	Y	Y	N	Y	N	N
CAN4-S104 (ULC-S104) fire door conformant	Y	Y	Y	Y	Y	Y
UL 1034 burglary-resistant listed	Y	Y	Y	Y	Y	Y
UL 1034 burglary-resistant listed for outdoor use	Y*	Y	N	Y*	N	N
UL 294 (6th edition) listed	Y	Y	N	Y	Y	N
Environmental Product Declaration	Intended	Y	N	Intended	Intended	N
ANSI/BHMA A156.31, Grade 1	Y	Y	Y	Y	Y	Y
NFPA-252 fire door conformant	Y	Y	Y	Y	Y	Y
ASTM-E152 fire door conformant	Y	Y	Y	Y	Y	Y
Windstorm Resistant ANSI-ASTM E330 Florida Building Code approved TAS 201, 202, 203	Y	Y	N	Y	N	N
California Fire Marshal listed	Intended	N	N	Intended	Y	N
RoHS compliant	Y	Y	?	Y	Y	?
Patented design	Applied	Y	Applied	Applied	Y	Applied
Standard Features						
Accommodates cylindrical and mortise latchbolts	Y	Y	Y	Y	Y	Y
Accommodates all brands of mortise locks	Y	Y	Y	Y	N	Y
Accommodates 1" deadbolts	Y	Y	Y	N	N	N
Release and recapture 1" deadbolt	N	Y	N	N	N	N
Installs in fire listed 2" frame with 1/2" drywall	N	N	N	Y	Y	Y
Strike body depth	1-5/8"	1-11/16"	1-5/8"	1-3/8"	1-3/8"	1-3/8"
Strike cavity height	3-1/4"	3-1/4"	3-1/4"	3-1/4"	2-11/16"	3-1/4"
Tamper resistant, stainless steel construction	Y	Y	Y	Y	Y	Y
Static strength (lbs)	1500	3700	1500	1500	3000	3,250 Factory Test
Dynamic strength (ft-lbs)	70	350	70	70	70	-
Endurance (cycles)	1M*	1M	2M Factory Test	1M*	1M	1M
All wearing parts field replaceable - earth friendly	Y	N	N	Y	N	N
Full finished face plate, keeper, case and trim	Y	N	N	Y	N	Y
Field selectable fail safe/fail secure	Y^	N	Y	Y^	Y	N
Non-handed	Y	Y	Y	Y	Y	Y
Horizontal adjustment	Integrated	Shims	Shims	Integrated	Shims	Shims
Plug-in connector	Y	Y	Y	Y	Y	Y
Trim enhancer included	Y	Y	Y	Y	Y	Y
Lip extension (sizes)	1/2"	1+"	N	1/2"	N	1/4"
Latchbolt Monitor	Field Install°	Y	Field Install	Field Install°	Y	Y
Latchbolt and Door Position Monitor	Factory Install	N	N	Factory Install°	N	N
Strike Locked Monitor	Y	N	N	Y	Y	N
Metal template kit for easy installation	Y	Y	N	Y	Y	N
Frame type	All	All	All	All	All	All
Available finishes	7	7	1	7	7	6
Standard Electrical						
Dual voltage 12 or 24	Y	Y	Y	Y	Y	Y
AC or DC	Y	N	Y	Y	Y	Y
Current at 12 volts	0.24 A	0.45 A	0.38 A	0.24 A	0.24 A	0.24 A
Current at 24 volts	0.12 A	0.25 A	0.19 A	0.12 A	0.12 A	0.11 A
Continuous duty	Y	Y	Y	Y	Y	Y
PoE friendly (under 0.25 amps) (Standard solenoid)	Y	N	Y	Y	Y	Y
EcoStrike Electrical						
Auto sensing 12-24 VDC	Y			Y		
Operating voltage 10-30 VDC, continuous duty	Y			Y		
Max voltage 32 VDC	Y			Y		
Minimum on-time 1.25 seconds	Y			Y		
Current at 12 volts after 1.25 seconds	0.009A			0.009A		
Current at 24 volts after 1.25 seconds	0.005A			0.005A		
PoE friendly (under 0.25 amps)	Y**			Y**		

* EcoStrike is not Outdoor rated. The EcoStrike cycle rating is 500,000 ** Temporary in-rush 0.460A at 12 VDC/0.220A at 24VDC ° Order non-standard option factory installed. ^ EcoStrike is not field selectable; order desired mode