



EM Electronic Keeper

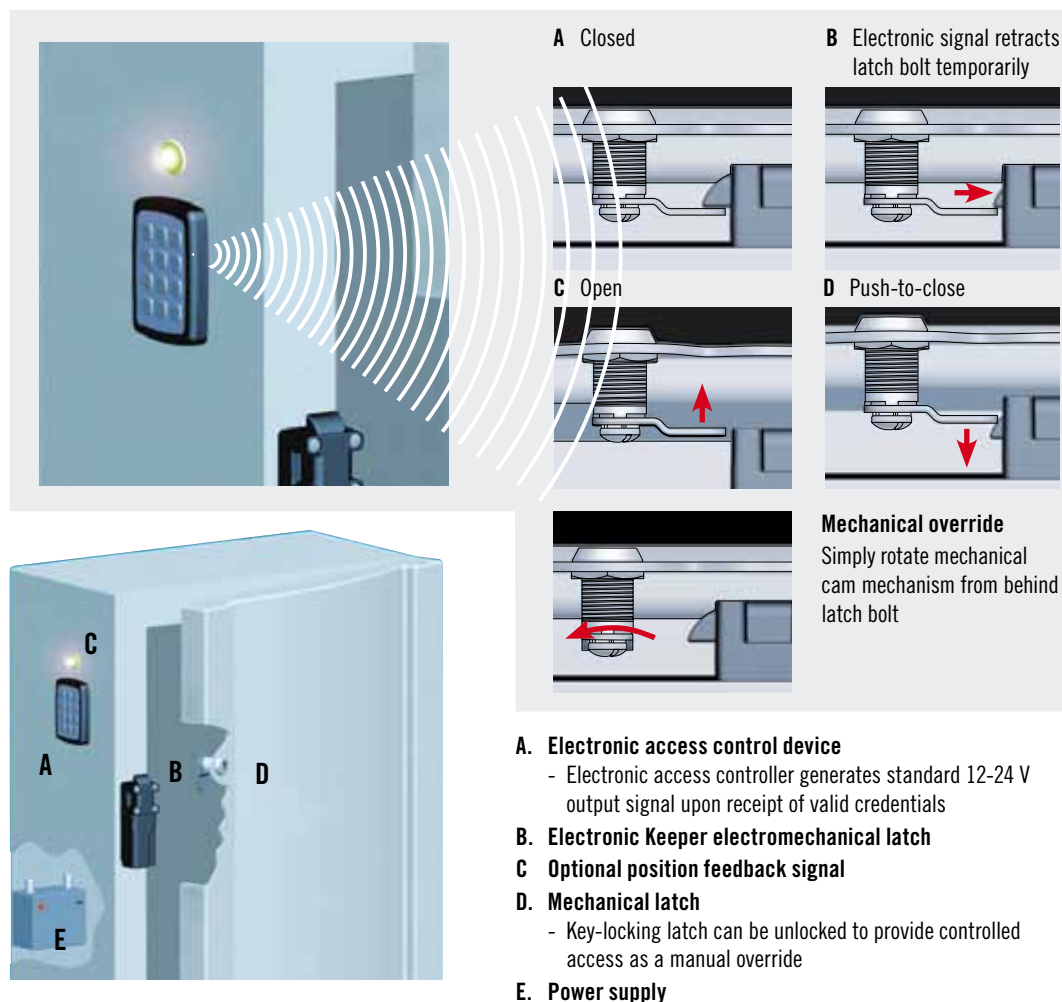
Electronic strike

Upgrade any manual latching system to electronic access by replacing the fixed keeper component with the electronically controlled Electronic Keeper. The versatile Electronic Keeper fits a variety of applications with multiple mounting configurations and simple installation and operation.

- 12 and 24 Volt available
- Simple transition from mechanical to electronic access
- "Push-to-close" convenience for any application – retrofit or new installation
- Accepts signals from any electronic actuation source
- Frame-side mounting simplifies wiring
- Single or multi-point latching
- Permits remote monitoring, audit trails and alarming
- Works with a variety of door mounted mechanical latches

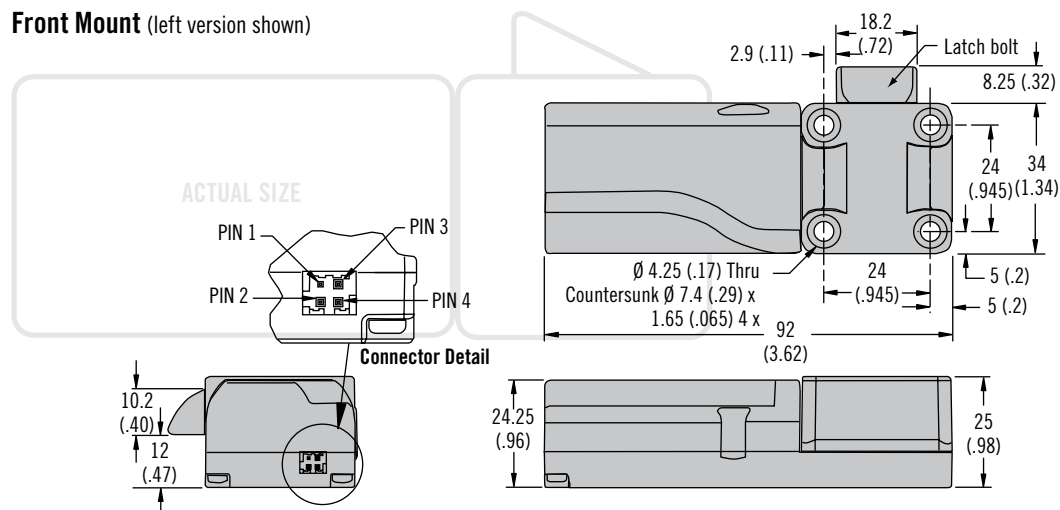
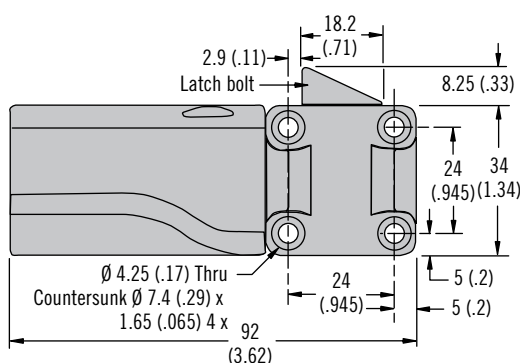
Every Electronic Keeper installation works on these same basic principles:

Electronic Actuation

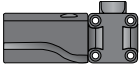
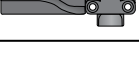


Installation Options



Front Mount (left version shown)**Side Mount** (left version shown)**Wire harness and connector**

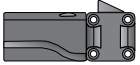
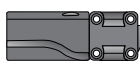
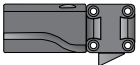
Part Number	
Wire Harness with Mate Connector (order separately)	Length
EM-10-40	300 (11.81)
EM-10-41	1000 (39.37)
EM-10-42	2000 (78.74)

VDC	PART NUMBERS	Front Mount Version
12VDC 24VDC	EM-10-13-310 EM-10-13-410	Left 
12VDC 24VDC	EM-10-11-310 EM-10-11-410	Center 
12VDC 24VDC	EM-10-12-310 EM-10-12-410	Right 

Rotation Kit

Part Number	
Rotation Kit * (order separately)	EM-10-32-85



VDC	PART NUMBERS	Side Mount Version
12VDC 24VDC	EM-10-23-310 EM-10-23-410	Left 
12VDC 24VDC	EM-10-21-310 EM-10-21-410	Center 
12VDC 24VDC	EM-10-32-310 EM-10-32-410	Right 

Material & Finish

Enclosure & latch bolt:
Thermoplastic
Housing assembly screws:
Steel, zinc plated

Electrical Specifications

Recommended operating voltage:
12-24 Volt DC
Other voltages available,
contact Southco for details.
No load operating current:
200 mA @ 12-24 V
Peak stall / current: 1 A

Control Input

Retracted Position: 12-24 Volt DC
The latch bolt will remain retracted
for as long as the signal is present
or a minimum of 1 second.
Input Signal Current: 25 mA
Extended Position: 0 VDC

Output Signal

Output Signal Rating:
450 mA Max. load
Output will turn on when latch bolt
is in retracted position. Output slow
flashes On/Off when latch error
occurs.
No signal at latch bolt extended
position.

Connector

PIN 1: Control input signal
PIN 2: Power (+)
PIN 3: Output signal
PIN 4: Ground (-)
Mate connector not included, order
separately.

The Electronic Keeper is provided
with a specific latch bolt orientation
(Left, Right or Center). Latch bolt
direction can be re-oriented using
the appropriate replacement gear
from the *optional rotation kit.

Part Number

See table

EA-99-134	EA-K1-010-9	EA-W01-100-01	EA-W01-52-206-A	EA-W20-401-51
EA-99-162	EA-K1-011	EA-W01-100-21	EA-W01-52-306	EA-W20-500
EA-99-163	EA-K1-011-9	EA-W01-106-52	EA-W01-52-306-52	EA-W20-501-01
EA-99-164	EA-K1-012	EA-W01-123-21	EA-W01-52-306-52-A	EA-W20-501-21
EA-99-166	EA-K1-012-9	EA-W01-1500	EA-W01-52-306-A	EA-W20-501-51
EA-99-175	EA-K1-020	EA-W01-200	EA-W01-523-21	EA-W20-A01-01
EA-99-177-010	EA-K1-020-9	EA-W01-200-01	EA-W01-52-406	EA-W20-A01-21
EA-99-177-020	EA-K1-021	EA-W01-200-21	EA-W01-52-406-52	EA-W20-A01-51
EA-99-177-050	EA-K1-021-9	EA-W01-200-51	EA-W01-52-406-52-A	EA-W20-B01-01
EA-99-177-100	EA-K1-022	EA-W01-206-52	EA-W01-52-406-A	EA-W20-B01-21
EA-99-177-250	EA-K1-022-9	EA-W01-223-21	EA-W01-52-506	EA-W20-C01-01
EA-99-177-500	EA-K3-033	EA-W01-23-106-52	EA-W01-52-506-52	EA-W20-D01-01
EA-99-286	EA-KC2-101	EA-W01-23-107	EA-W01-52-506-52-A	EA-W20-E01-01
EA-99-292	EA-KC2-102	EA-W01-23-107-03	EA-W01-52-506-A	EA-W21-100
EA-99-304	EA-KC2-103	EA-W01-23-206-52	EA-W01-52-A06	EA-W21-100-01
EA-A01-001	EA-KC2-104	EA-W01-23-207	EA-W01-52-A06-52	EA-W21-100-21
EA-A01-102	EA-KC2-201	EA-W01-23-207-03	EA-W01-52-A06-52-A	EA-W21-100-51
EA-A01-202	EA-P1-010	EA-W01-23-306-52	EA-W01-52-A06-A	EA-W21-100-52
EA-A02-001	EA-P1-010-9	EA-W01-23-307	EA-W01-A00-01	EA-W21-200
EA-A02-002	EA-P1-011	EA-W01-23-307-03	EA-W01-A00-51	EA-W21-200-01
EA-A02-002-1	EA-P1-011-9	EA-W01-23-406-52	EA-W01-A06-52	EA-W21-200-21
EA-A02-002-2	EA-P1-012	EA-W01-23-407	EA-W01-A17-21	EA-W21-200-51
EA-A02-002-3	EA-P1-012-9	EA-W01-23-407-03	EA-W01-A23-21	EA-W21-200-52
EA-A02-002-4	EA-P3-101-1	EA-W01-23-506-52	EA-W01-B00-01	EA-W21-300
EA-A02-003	EA-P3-200-1	EA-W01-23-507	EA-W01-B00-51	EA-W21-300-01
EA-A02-004	EA-P4-101	EA-W01-23-507-03	EA-W02-102-21	EA-W21-300-21
EA-A05-001	EA-P4-302	EA-W01-23-A06-52	EA-W02-103-01	EA-W21-300-51
EA-A05-002	EA-P4-502	EA-W01-23-A07	EA-W02-202-21	EA-W21-300-52
EA-A06-001	EA-P5-30004	EA-W01-300	EA-W02-203-01	EA-W21-400
EA-A10-001	EA-P5-30004-10	EA-W01-300-01	EA-W02-303-01	EA-W21-400-01
EA-A10-004	EA-P5-300-31	EA-W01-300-51	EA-W02-403-01	EA-W21-400-21
EA-A30-002	EA-P5-30200	EA-W01-301-03	EA-W02-502-21	EA-W21-400-51
EA-A80-002	EA-P5-30600	EA-W01-306-52	EA-W02-503-01	EA-W21-400-52
EA-BT-290-10	EA-P5-30800	EA-W01-323-21	EA-W02-503-51	EA-W21-500
EA-BT-4043-10	EA-P5-31000	EA-W01-400	EA-W02-A03-51	EA-W21-500-01
EA-BT-4043-10-A1	EA-P5-31000-10	EA-W01-400-01	EA-W03-307-03	EA-W21-500-21
EA-BT-4043-10-A3	EA-P5-31004	EA-W01-400-21	EA-W03-407-03	EA-W21-500-51
EA-BT-4043-10-B1	EA-P5-31004-10	EA-W01-400-51	EA-W03-507-03	EA-W21-500-52
EA-BT-4043-10-C1	EA-P5-31100	EA-W01-401-03	EA-W20-100	EA-W21-A00
EA-BT-4043-10-D1	EA-P5-31100-10	EA-W01-406-52	EA-W20-101-01	EA-W21-A00-01
EA-BT-4043-10-E1	EA-P5-31104	EA-W01-423-21	EA-W20-101-21	EA-W21-A00-21
EA-BT-4043-10-F1	EA-P5-31104-10	EA-W01-500	EA-W20-101-51	EA-W21-A03-02
EA-BT-4043-10-F2	EA-P5-31105	EA-W01-500-21	EA-W20-200	EA-W21-A25-21
EA-C1-011	EA-P5-31105-10	EA-W01-500-51	EA-W20-201-01	EA-W21-B00-21
EA-C1-011-9	EA-R01	EA-W01-501-03	EA-W20-201-21	EA-W21-C00-21
EA-C2-021	EA-R01-101	EA-W01-506-52	EA-W20-201-51	EA-W22-100
EA-C2-021-9	EA-R02	EA-W01-52-106	EA-W20-300	EA-W22-170-90
EA-C3-100	EA-R02-102	EA-W01-52-106-52	EA-W20-301-01	EA-W22-200
EA-C3-100-9	EA-R02-102-1	EA-W01-52-106-52-A	EA-W20-301-21	EA-W22-270-90
EA-C3-101	EA-R02-202	EA-W01-52-106-A	EA-W20-301-51	EA-W22-370-90
EA-C3-101-9	EA-R03	EA-W01-52-206	EA-W20-400	EA-W22-470-90
EA-C3-300-9	EA-R03-103	EA-W01-52-206-52	EA-W20-401-01	EA-W22-570-90
EA-K1-010	EA-W01-100	EA-W01-52-206-52-A	EA-W20-401-21	EA-W22-A70-90

EA-W23-103	EA-W70-320-71
EA-W23-103-83	EA-W70-420-70
EA-W23-203	EA-W70-420-71
EA-W23-203-83	EA-W70-520-70
EA-W23-303	EA-W70-520-71
EA-W23-303-83	EA-W70-A20-70
EA-W23-403	EA-W70-A20-71
EA-W23-403-83	EA-W82-170
EA-W23-503	
EA-W23-503-83	
EA-W23-A03-83	
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EA-W61-B12	
EA-W70-120-70	
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EA-W70-220-70	
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