

# Electric Strikes

## **GK140/145 Series**

### Flexible Application, Preload Solution



GK140M-L



GK145M-L



GK140M-R



GK145M-R



The GK140/145 series European electric strike has a robust stainless steel construction and **preload release** function. It is designed for use on right/left hand doors and supplied with a reversible faceplate that accommodates more applications.

### Standard Features

- Stainless steel construction
- Static Strength: 1,200 lbs (GK140 Series)  
1,000 lbs (GK145 Series)
- Up to 200 lbs (91Kg) of preload
- Fail-secure
- Handed (For strike body)
- Endurance over 250,000 cycles
- Works with cylindrical locksets or European mortise latches
- Optional latch / door status monitor
- Adjustable keeper (For GK145 only)
- Easy-to-connect terminal block

### Preload

The GK140/145 opens electrically with up to **200 lbs.(91kg)** of preload applied to the keeper. Door preload is a common condition caused by air-conditioning pressure, warped doors, or heavy weatherstripping. A serious preload condition causes the electric strike to malfunction.

### Non-Handed Faceplate (Included)

- Reversible for right or left handed installation
- Stainless steel finish, 25 mm wide for narrow stile doors
- Round or square corner option

## GK140/145 Series European Electric Strikes

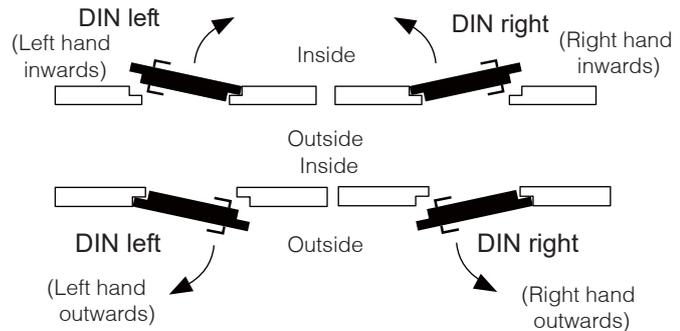
Models	Voltage (VDC)	Current Draw	Latch Throw (mm)	Preload (Side Load) 200 lbs.	Mode	Plug-in Terminal Block	Adjustable Keeper	Latch Monitor	Handed	Reversible faceplate
<b>GK140</b>	12 or 24	700mA/12VDC 350mA/24VDC	15	●	Fail-secure	●	—	—	●	●
<b>GK140M</b>								●		
<b>GK145</b>	12 or 24	700mA/12VDC 350mA/24VDC	11	●	Fail-secure	●	●	—	●	●
<b>GK145M</b>								●		

\*Specify handing (**-R** right hand or **-L** left hand) and voltage (**-12** 12VDC or **-24** 24VDC) when ordering.

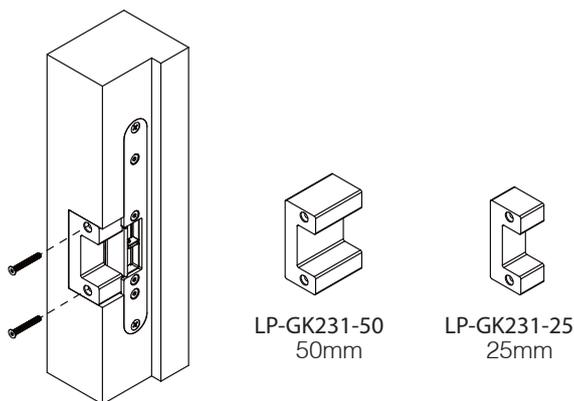
### Handing of Door

Door handing is determined from the side of the door where the hinges are visible, according to the German standard DIN 107.

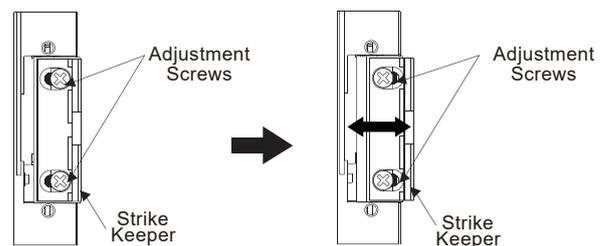
Stand facing the door on the hinge/pull side. If the hinge is on the right, the door is considered to be DIN right. If the hinge is on the left, then the door is considered to be DIN left.



### Optional Lip Extensions



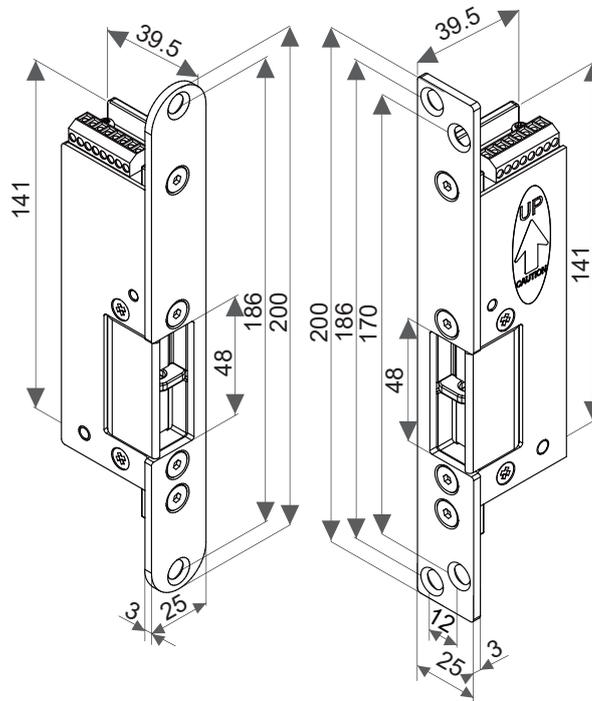
### Adjustable Keeper (For GK145 Only)



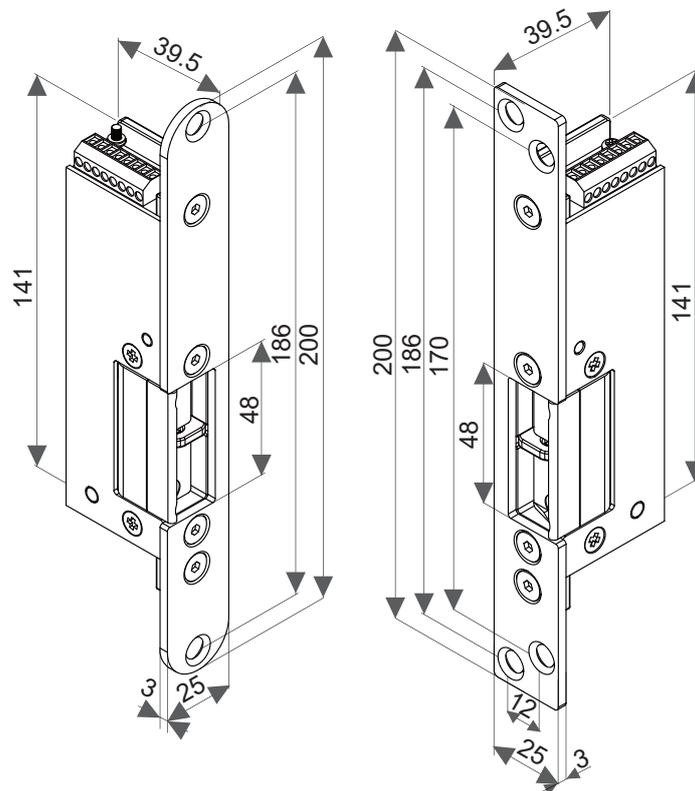
The keeper can be moved horizontally to compensate for installation difficulties such as warped doors. (Maximum adjustable range: 3mm)

## Dimensions

### GK140



### GK145



Unit: mm

### Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 3 years from the date of sale to the original client. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.