

# Level Crossing Gate with no Balance-Weight

Level Crossing Gate with Excellent User-Friendliness

Kyosan has developed a new level crossing gate without balance-weight in which usability is enhanced by adopting switch panel. The straight bar type (8m and under) is balance weight-less, also available to AC power supplies.

## Features (renewal overview)

### Simplification of setting operation

Newly adopted switch panels, considering its user friendliness for easy installation work and maintenance. Integration of adjustment operations in one place, such as bar angle and operating time, enables to reduce work time.

### Switch panel type setting

Switch panels are placed on the upper front part of the gates so that it is easy to use. Also, button type is adopted so as to enable the operation with gloves on.



Setting Switch    Settings display screen



New level crossing gate (Image)

### Compatibility with conventional equipment

#### Isolation structure of main body and stand

Both stand-alone type and pole-mounting type (alarm pole) are available.

Just exchanging the main body itself is also possible.

#### Adoption of signal relays

Signal relays are adopted for control circuits, enabling the machine to be highly tolerant to lightning hazard and noise.

	AC type		DC type
	Stop-at-that-position type (in case of blackout)	Release type (in case of blackout)	Release type (in case of blackout)
Control power supply	DC24V		
Motor power supply	AC105V		DC24V
Brake power supply	DC24V		
Operating time (s)	Down	6.0 / 6.5 / 7.0 / 8.0 (4-step transition)	5.5/6.5/7.5 (3-step transition)
	Up	4.0 / 4.5 / 5.0 / 5.5 (4-step transition)	5.5
Operation in case of blackout	Stop at that position	Release (Down)	
Operating current	4.0A and under		5.0A and under
Bar position adjustment method	Switch panel type angle adjustment		
Circuit configuration	Signal relay circuit		
Clutch	None		
Balance-weight	Unnecessary*		
Weight	Approximately 120kg (Plan)		
Corresponding bar(s)	Straight type (8m and under) Folding type (10m and under), Large diameter bar*		

\* Balance-weights are required for folding type and large diameter bars.