



E/GATE

LEVEL CROSSING
GATE MECHANISM



E-Gate is light, easy to maintain, durable and compact level crossing gate mechanism solution.

- With one or two point arm mounting option it is suitable for all level crossing types.
- E-Gate lowers gate arm in order to keep safety of level crossing when power failure occurs.
- Gearbox mechanism is completely isolated gears from environmental conditions in order to reduce maintenance frequency and cost.
- E-Gate gear box has the capability to achieve high torque values in small volume.
- Dynamic brake system avoids the acceleration and vibrations along the downward movement of arm gate.



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Specifications

Dimensions

725 X 400 X 270 mm (HxWxD)

Hold Current

900 mA @ 24VDC

Weight

60 kg - with cover

Gear Motor Power

300 W

Operating Voltage

24 VDC
(Optional : 120 VAC, 220 VAC)

Housing & Cover

Cast Aluminum

Operating Current

6-12 A @ 24 VDC
(Current varies with gate arm length)

Heater

50 W Resistance



Advantages

- Light and durable cast aluminum housing & cover
- Silent and highly efficient gear motor
- Simple and compact controller circuit
- Resistant to environmental conditions with sealed gear box
- Automatic arm lowering when power failure occurs
- One or two point arm mounting option
- Ease of installation and maintenance with symmetrical structure
- Electromagnetic brake mechanism
- Minimize potential vibrations on gate arm

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