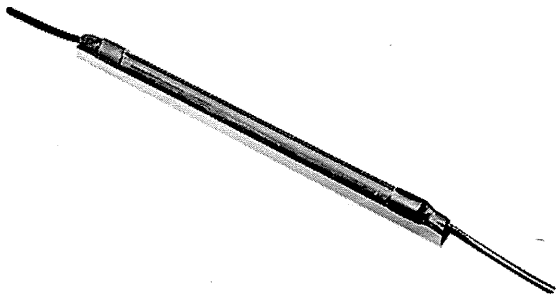
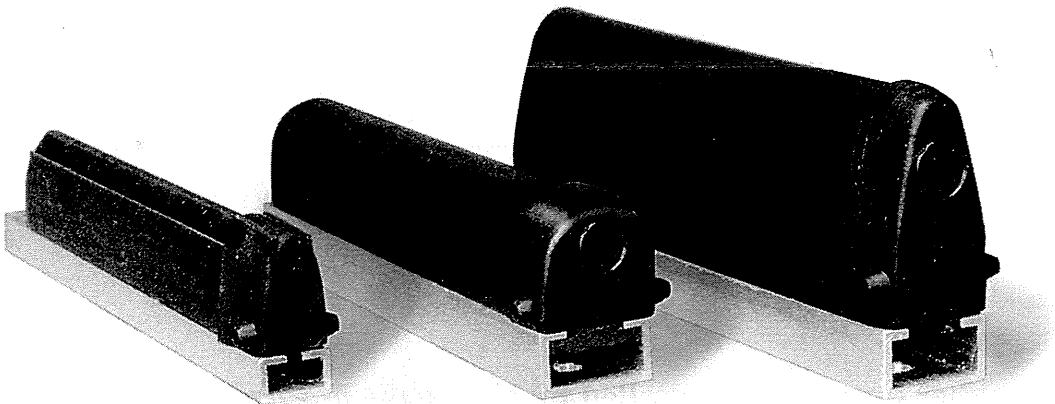


**INSTALLATION INSTRUCTIONS FOR SAFETY EDGES**

**FOR ALL MODEL NUMBERS LISTED BELOW  
SCS1510, SGE125, SGE225, and SGE245.**



**SCS1510**



**SGE125**

**SGE225**

**SGE245**

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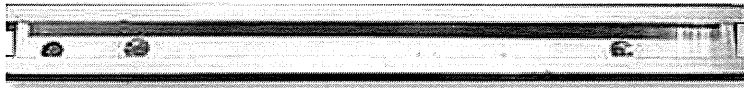
*www.sti.com*

## INSTALLATION INSTRUCTIONS FOR SAFETY EDGES

FOR ALL MODEL NUMBERS LISTED BELOW  
SCS1510, SGE125, SGE225, SGE245,

**The safety edge system should be installed only by qualified persons.**

- 1: Drill 1/8" countersunk holes in the aluminum rail every 12" for mounting.



- 2: Attach the aluminum mounting rail to an even surface. The aluminum rail should be mounted only with rivets or countersunk screws.



- 3: These rubber profiles are installed by sliding the profile into the aluminum rail, liquid soap may be sprayed on the safety edge to make it easier to install. Once the soap has evaporated the edge is securely fastened to the mounting rail.  
**Never use talcum, oils or other permanently lubrication agents.**

**OMRON**

## Type SGE series Safety Edge

**English**

### Safety Precautions

Thank you for purchasing SGE series safety edge.

Please read and understand this manual before using the products.

Keep this manual ready to use whenever needed.

Only qualified persons trained in professional electrical techniques should handle the SGE series. Please consult your OMRON representative if you have any questions or comments.

**OMRON Corporation**

1129603-8-B

### Precaution for Safe Use

#### Meanings of Signal Words

The following signal words are used in this manual.



Indicates a potentially hazardous situation which, if not avoided, will result in minor or moderate injury, or may result in serious injury or death. Additionally there may be significant property damage.

#### Meaning of Alert Symbols

The following alert symbols are used in this manual.



Indicates prohibited actions



Indicates mandatory actions

#### Alert Statements



When using the safety edge on moving items such as doors or gates, the speed and weight of the moving item must be considered to design a safe system. Serious injury may possibly occur due to loss of required safety functions.



### Suitability for Use

Omron Companies shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product. At Buyer's request, Omron will provide applicable third party certification documents identifying ratings and limitations of use which apply to the Product. This information by itself is not sufficient for a complete determination of the suitability of the Product in combination with the end product, machine, system, or other application or use. Buyer shall be solely responsible for determining appropriateness of the particular Product with respect to Buyer's application, product or system. Buyer shall take application responsibility in all cases.

NEVER USE THE PRODUCT FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCT(S) IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

See also Product catalog for Warranty and Limitation of Liability.

### Precautions for Safe Use

- (1) When ready for wiring, the power source should be disconnected first, otherwise an electric shock may occur.
- (2) Do not wire when there is a threat of Lightning, otherwise an electric shock may occur.
- (3) Do not operate the SGE series with flammable or explosive gas. An arc with operation may cause a fire or an explosion.
- (4) Do not disassemble, repair, or modify the SGE series, otherwise an electric shock may occur or the SGE series may malfunction.

### Precautions for Correct Use

- (1) SGE series safety edge, must be used with the designated safety edge controller SCC series.
- (2) Handling
  1. Do not drop the SGE series or shock or vibrate the SGE series excessively. Doing so may result in damage to the SGE series or cause SGE series to malfunction.
  2. Do not apply continuous weight on one point of the safety edge, otherwise the safety edge may be damaged.
  3. Do not use the safety edge submerged in water.
- (3) Contact with solvents  
Contact with petroleum based solvents like Alcohol, Paint Thinner, Trichloroethane, gasoline, and similar solvents should be avoided. Contact with these solvents can erase the markings on the product and damage the components.
- (4) Conditions of storage and usage  
Do not store in such conditions stated below.  
SGE series may be damaged and may not function properly.
  1. In direct sunlight.
  2. At ambient temperatures out of the range of -25°C to 75°C.
  3. At atmospheric pressure out of the range of 86 to 106kpa.
  4. In corrosive or combustible gases.
  5. With vibration or mechanical shock out of the rated values.
  6. Under splashing of water, oil, or chemicals.
  7. In the atmosphere containing dust, saline or metal powder.
- (5) For Safety edge installation
  1. When installing the safety edge, the safety edge must be used with the designated fastening.
  2. Install the safety edge on a flat and smooth surface.
  3. Do not pull the cable when moving the safety edge.
  4. Do not use the safety edge with a cover on the surface.
- (6) This is a class A product. In residential areas it may cause radio interference, in which case the user may be required to take adequate measures to reduce interference.

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