

Safety Bumpers

- Foam rubber covered in polyurethane, mounted on an aluminum base
- Available in lengths up to 3000 mm;
Standard sizes:
53 mm x 100 mm
100 mm x 200 mm
150 mm x 300 mm
200 mm x 400 mm



Specifications

Measurements:	According to the requirement in lengths to 3 m (9.8 ft.)
Actuating Point:	Minimum at 50% of height
Pressure Required:	> 125 N with round object of 80 mm diameter
Protection Class:	IP65
Operating Temperature:	-20 to +60°C (-4 to 140°F)
Chemical Resistance:	Oils - good; 10% acid - resistant; 10% alkaline - resistant
Connecting Cable:	2 conductor #20

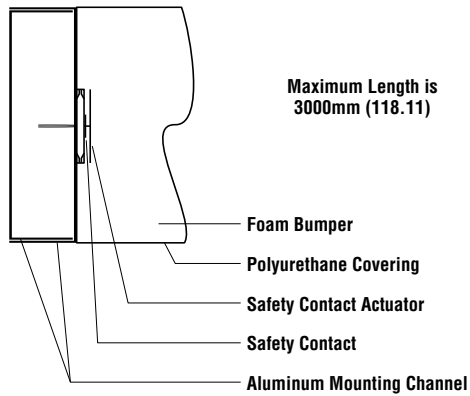
Specifications are subject to change without notice.

	SCSF5310	SCSF1020	SCSF1530	SCSF2040
Size:	53 x 100 mm	100 x 200 mm	150 x 300 mm	200 x 400 mm
Certifications:	Test certifications upon request			
Cover:	Polyurethane or NBR rubber cover			
Colors:	Black or Black-Yellow			
Max. Delivery Length:	3 m (118.2 in.)	3 m (118.2 in.)	3 m (118.2 in.)	3 m (118.2 in.)
Weight per M:	2.59 kg (5.71 lb.)	3.89 kg (8.58 lb.)	5.26 kg (11.60 lb.)	6.75 kg (14.88 lb.)
Tested According to EN 1760-2, Speed 10 mm/s Temp 20°C, Test Unit ø 80 mm Round, Actuating Point C3				
Actuating Force FA:	83.0 N (18.66 lb.)	82.0 N (18.44 lb.)	83.9 N (18.86 lb.)	105.3 N (23.67 lb.)
Actuating Distance SB:	33.41 mm (1.32 in.)	51.19 mm (2.02 in.)	58.85 mm (2.32 in.)	129.77 mm (5.11 in.)
Overtravel Distance SV:	33.24 mm (1.31 in.)	93.36 mm (3.68 in.)	159.58 mm (6.26 in.)	180.73 mm (7.12 in.)
Tested According to EN 1760-2, Speed 100 mm/s Temp 20°C, Test Unit ø 80 mm Round, Actuating Point C3				
Actuating Force FA:	99.4 N (22.35 lb.)	89.5 N (20.12 lb.)	87.0 N (19.56 lb.)	122.9 N (27.63 lb.)
Actuating Distance SB:	34.43 mm (1.36 in.)	52.68 mm (2.07 in.)	55.52 mm (2.19 in.)	123.08 mm (4.85 in.)
Overtravel Distance SV:	30.73 mm (1.21 in.)	92.44 mm (3.64 in.)	153.48 mm (6.04 in.)	172.90 mm (6.81 in.)

Dimensions

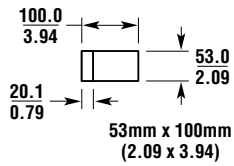
(mm/in.)

BUMPER DETAIL (NOT TO SCALE)

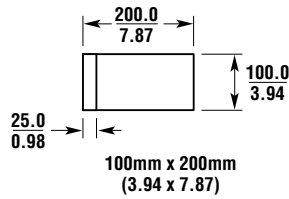


AVAILABLE SIZES:

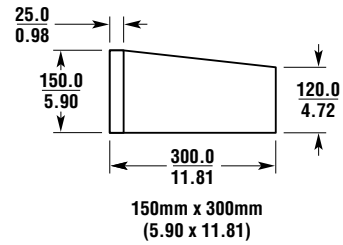
SCSF-5310



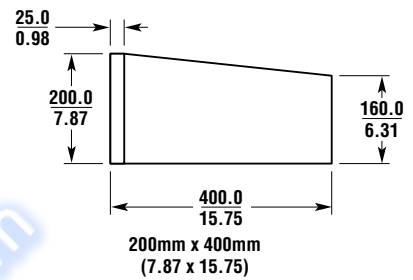
SCSF-1020



SCSF-1530

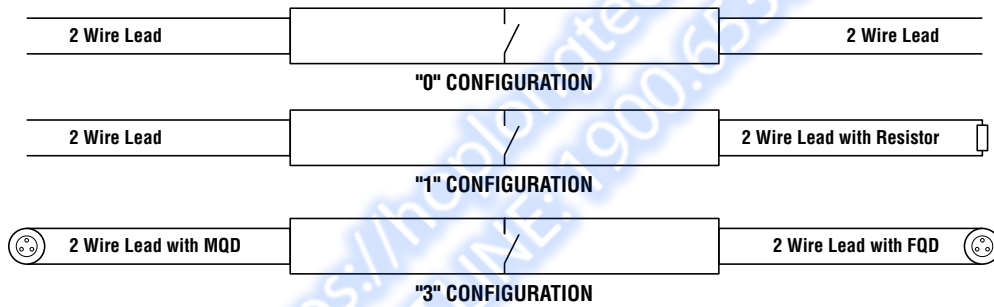


SCSF-2040



Wiring

Available Configurations



Ordering

SCSF - - - - -

Bumper Configuration*

5310 53 mm x 100 mm

1020 100 mm x 200 mm

1530 150 mm x 300 mm

2040 200 mm x 400 mm

Wiring Configuration

0 Two 2-wire connections

1 One 2-wire connection and one external resistor connection

3 One quick-disconnect male and one quick-disconnect female connector

Length

Specify length in increments of 10 mm, from 150 mm up to 3000 mm, use 4-digits

First Cable Length

Specify length 100 C to 10,000 C with QD = xxxxxxMQD - xxxxxFQD***

Second Cable Length

Specify length 100 C to 10,000 C with QD = xxxxxxMQD - xxxxxFQD***



For information on
Safety Edge Controllers,
see page E14

* Standard material for all configurations is EPDM, foam rubber covered in polyurethane.