

Safety Bumpers

Safety Bumpers

- Foam rubber covered in artificial leather, mounted on an aluminum base
- Available in lengths up to 3000 mm;
Standard sizes:
60 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:	>15% of height
Pressure Required:	>150 N by round object of 80 mm diameter (EN 13856-3)
Protection Class:	IP65
Operating Temperature:	0 to +55°C (32 to 131°F)
Chemical Resistance:	Oils - good; 10% acid - resistant; 10% alkaline - resistant
Connecting Cable:	2 x 0.34 mm ² (22 AWG) (PUR black)

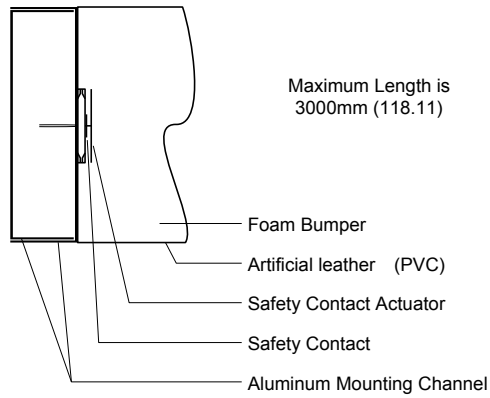
Specifications are subject to change without notice.

	SCSF5310	SCSF1020	SCSF1530	SCSF2040
Size:	60 x 100 mm	100 x 200 mm	150 x 300 mm	200 x 400 mm
Certifications:	EN ISO 13856-3, EN ISO 13849-1, EN 12978, UL 508			
Cover:	Artificial leather (PVC)			
Colors:	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:	1.5 kg (3.30 lb.)	2.0 kg (6.60 lb.)	4.0 kg (8.80 lb.)	4.5 kg (9.90 lb.)
Tested According to EN ISO 13856-3, Speed 10 mm/s Temp 20°C, Test Unit ø 80 mm Round				
Actuating Force FA:	30.0 N (6.74 lb.)	82.0 N (18.44 lb.)	83.9 N (18.86 lb.)	105.3 N (23.67 lb.)
Response Path:	7 mm (7%)	33 mm (17%)	50 mm (17%)	64 mm (16%)
Overtravel Distance up to 250N:	65 mm (65%)	130 mm (65%)	190 mm (63%)	236 mm (59%)
Overtravel Distance up to 400N:	68 mm (68%)	136 mm (68%)	215 mm (72%)	287 mm (72%)
Overtravel Distance up to 600N:	61 mm (61%)	140 mm (70%)	227 mm (76%)	307 mm (77%)
Tested According to EN ISO 13856-3, Speed 400 mm/s Temp 20°C, Test Unit ø 80 mm Round				
Actuating Force FA:	48 N (10.79 lb)	56 N (12.59 lb)	97 N (21.81 lb)	136 N (30.57 lb)
Response Path:	13 mm (13%)	40 mm (20%)	106 mm (35%)	95 mm (24%)
Overtravel Distance up to 250N:	58 mm (58%)	116 mm (58%)	155 mm (52%)	199 mm (50%)
Overtravel Distance up to 400N:	61 mm (61%)	126 mm (63%)	175 mm (58%)	252 mm (63%)
Overtravel Distance up to 600N:	64 mm (64%)	130 mm (65%)	186 mm (62%)	272 mm (68%)

Test certifications upon request

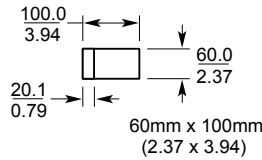
Dimensions

BUMPER DETAIL (NOT TO SCALE)

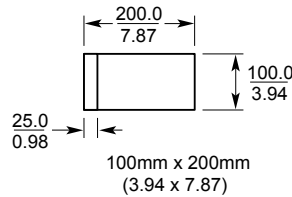


AVAILABLE SIZES:

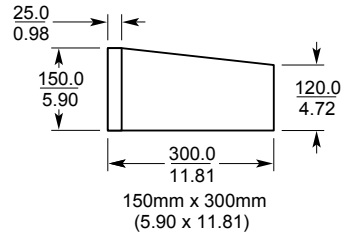
SCSF-5310



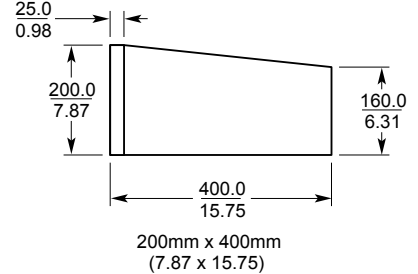
SCSF-1020



SCSF-1530

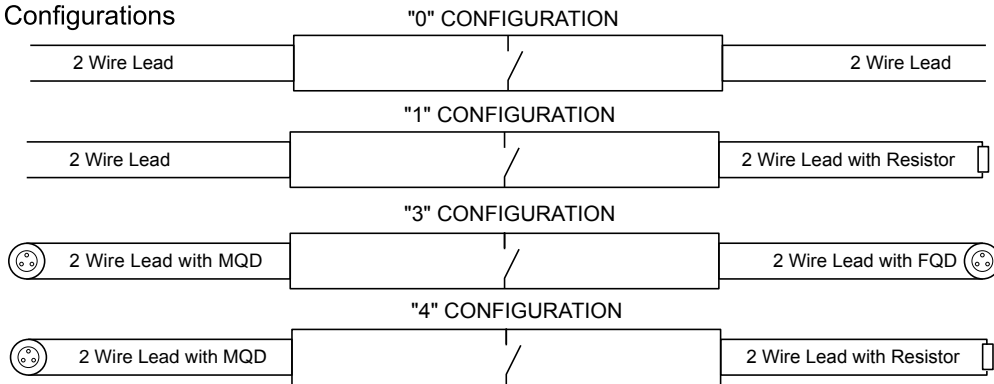


SCSF-2040



Wiring

Available Configurations



Ordering

SCSF - [] - [] - [] - [] - []	
Bumper Configuration	
5310	60 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
4	One quick-disconnect male and one external resistor connection
Length	
	Specify length in increments of 10 mm, from 150 mm up to 3000 mm, use 4-digits
First Cable Length (for wiring configuration "0", "1", "3" and "4")	
	Specify length 100 C to 10,000 C
	1. Specify length in mm:
	Use 5-digits with preceding "0"s: 00100C to 10000C
	2. Male quick-disconnect (MQD) option is only available for wiring configuration "3" and "4"
	If select "3" and "4", replace "C" with "MQD"; Length: 00100MQD to 10000MQD
Second Cable Length (for wiring configuration "0" and "3" only)	
	Specify length 100 C to 10,000 C
	1. Specify length in mm:
	Use 5-digits with preceding "0"s: 00100C to 10000C
	2. Female quick-disconnect (FQD) option is only available for wiring configuration "3"
	If select "3", replace "C" with "FQD"; Length: 00100MQD to 10000FQD

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