

215 GuardSwitch

Patented Non-Contact Safety Interlock Switch



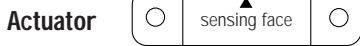
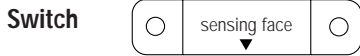
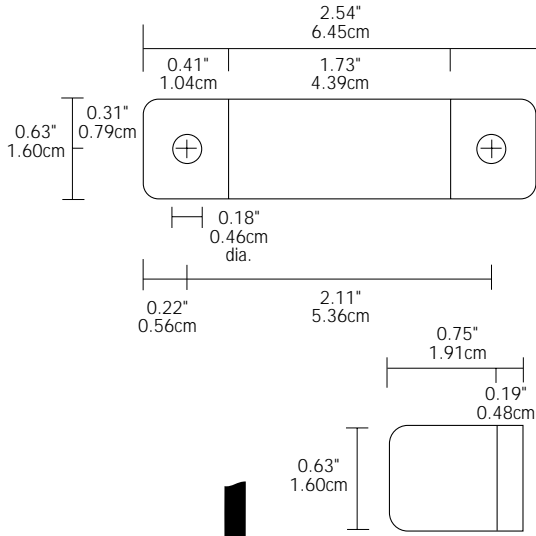
APPLICATIONS

- Requiring a "Fail-Safe" Switch
- Waste Compactors
- Mixers, Blenders and Dryers
- Packaging Machinery
- Food Products Machinery

General Specifications

Enclosure	Nylon 6/6
Temperature Range	-40°F to 150°F (-40°C to 65°C)
Environmental	Hermetically Sealed Contact Switch Encapsulated in Polyurethane
NEMA Rating	1, 2, 3, 4, 4X, 5, 6, 12, 12K
Protection Class	IP 67
Response Time	5 msec
Life Cycles	100,000 Under Full Load; Up to 200,000,000 Under Dry Circuit
Lead Types/O.D.	Jacketed (J) 18/3 AWG / 0.24" (0.62cm)
UL/CSA	All Models

Note: The 215 has a patented "watch-dog" circuit which, when switch failure occurs, the fused watch-dog circuit will draw 2.5 Amps. The voltage supply must have a current capacity of 2.5 Amps. This results in an open, fail-safe condition.



ORDER INFORMATION	ELECTRICAL SPECIFICATIONS								
Part Number	Contact ¹ Configuration	Load Rating (AC/DC)	Switch Current Max. (AC/DC)	Voltage Range (AC/DC)	Contact Resistance	Sense Range ² Nominal	Break Range Nominal	Break at Failure Max.	Lead Length
215-F6Y-06J	N.O.	12W / VA	0.5A	24 ± 4V	0.5 Ohms	0.7" (1.8cm)	1.8" (4.6cm)	2.5" (6.8cm)	6' (1.8m)
215-F6Y-12J	N.O.	12W / VA	0.5A	24 ± 4V	0.5 Ohms	0.7" (1.8cm)	1.8" (4.6cm)	2.5" (6.8cm)	12' (3.6m)
115-Y	Actuator Only								

Warning— Each electrical rating is an individual maximum and cannot be exceeded!

¹ Configuration with actuator away from the switch

² Proximity of ferrous materials usually reduces sense range — typically by 50%. The shape and type of material cause a wide diversity of effects. Testing is required to determine actual sense range for specific applications.

SAFETY 200 SERIES