



# Hercules Anti-Trip - Full Shield

**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

***Drip tight • Dust tight • Watertight • Oil tight***  
**ADVANCED DESIGN HELPS PREVENT ACCIDENTAL ACTUATION**



### Materials of Construction:

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum shield
- Special AirVal models available to the O.E.M. on special order
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

### Features & Benefits:

- Heavy duty foot switch features an anti-trip treadle mechanism that helps prevent accidental actuation through unintentional stepping on foot treadle
- Switch operation requires that the latch trip lever be released prior to depressing the foot treadle as in-line foot pressure is applied to the latch trip lever located at the rear of the foot treadle
- Smooth trip lever release and treadle depression motion results in good rate of operation
- Dual treadle return springs and latching mechanism
- Anti-skid rubber feet and 3 holes for rigid mounting to floor or equipment
- All Models have a neoprene Cover Gasket plus O-Rings on the Actuating shaft and separate ground screw

### Options:

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Special Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- Gated Models available for additional protection (See "Hercules Anti-Trip - Gated..." on pages 24 & 25 for details)
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)

Size (HxWxD):	4.80 x 5.88 x 9.00 In.
Weight:	7.50 lbs.
<i>For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</i>	

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>							
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)							
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
UL, IEC, NEMA	IP56	511-B	Momentary	Single	SPDT	C	20 A 125-250 VAC
UL, IEC, NEMA	IP56	511-B2 <sup>1</sup>	Momentary	Single	DPDT	C	1 H.P. 125-250 VAC
UL, IEC, NEMA	IP56	511-B2A	Momentary	Two	SPDT	C	Heavy Pilot Duty 250 VAC Max.
UL, IEC	IP56	511-B3	Momentary	Single	SPDT DB <sup>2</sup>	Z	15 A 125-250 VAC
UL, IEC	IP56	511-B4 <sup>1</sup>	Momentary	Single	DPDT DB <sup>2</sup>	Z	1/2 H.P. 125 VAC
UL, IEC	IP56	511-B4A	Momentary	Two	SPDT DB <sup>2</sup>	Z	1 H.P. 250 VAC
							Heavy Pilot Duty 250 VAC Max.

<sup>1</sup>One pole of these models has an adjustable actuating mechanism that enables you to make or break one pole before the other. EXAMPLE: You can break the N.O. Circuit long before you would remake a N.C. Circuit in a 511-B2.  
<sup>2</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line.

# Hercules Anti-Trip - O Shield



**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

**Drip tight • Dust tight • Watertight • Oil tight**  
**ADVANCED DESIGN HELPS PREVENT ACCIDENTAL ACTUATION**

**Materials of Construction:**

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Special AirVal models available to the O.E.M. on special order
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

**Features & Benefits:**

- Heavy duty foot switch features an anti-trip treadle mechanism that helps prevent accidental actuation through unintentional stepping on foot treadle
- Switch operation requires that the latch trip lever be released prior to depressing the foot treadle as in-line foot pressure is applied to the latch trip lever located at the rear of the foot treadle
- Smooth trip lever release and treadle depression motion results in good rate of operation
- Dual treadle return springs and latching mechanism
- Anti-skid rubber feet and 3 holes for rigid mounting to floor or equipment
- All Models have a neoprene Cover Gasket plus O-Rings on the Actuating shaft and separate ground screw

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Special Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- Gated Models available for additional protection (See "Hercules Anti-Trip - Gated..." on pages 24 & 25 for details)
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)



SIZE (HxWxD):	5.31 x 5.88 x 9.13 In.
WEIGHT:	8.00 lbs.

For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab

**⚠ WARNING SEE PRODUCT WARNING ON PAGE 103**

SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)

AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
UL, UL, UL	IP56	511-BO	Momentary	Single	SPDT	C	20 A 125-250 VAC 1 H.P. 125-250 VAC Heavy Pilot Duty 250 VAC Max.
UL, UL, UL	IP56	511-B2O <sup>1</sup>	Momentary	Single	DPDT	C	
UL, UL, UL	IP56	511-B2OA	Momentary	Two	SPDT	C	
UL, UL, UL	IP56	511-B2OAC <sup>2,3</sup>	Momentary	Two	SPDT	C	
UL, UL	IP56	511-B3O	Momentary	Single	SPDT DB <sup>2</sup>	Z	15 A 125-250 VAC 1/2 H.P. 125 VAC 1 H.P. 250 VAC Heavy Pilot Duty 250 VAC Max.
UL, UL	IP56	511-B4O <sup>1</sup>	Momentary	Single	DPDT DB <sup>2</sup>	Z	
UL, UL	IP56	511-B4OA	Momentary	Two	SPDT DB <sup>2</sup>	Z	

<sup>1</sup>One pole of these models has an adjustable actuating mechanism that enables you to make or break one pole before the other. EXAMPLE: You can break the N.O. Circuit long before you would remake a N.C. Circuit in a 511-B2.

<sup>2</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line. <sup>3</sup>"C2" designates dual 1/2" - 14 NPT conduit entry.

**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

***Drip tight • Dust tight • Watertight • Oil tight***  
**ADVANCED DESIGN HELPS PREVENT ACCIDENTAL ACTUATION**

**Materials of Construction:**

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Special AirVal models available to the O.E.M. on special order
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

**Features & Benefits:**

- Heavy duty foot switch features an anti-trip treadle mechanism that helps prevent accidental actuation through unintentional stepping on foot treadle
- Switch operation requires that the latch trip lever be released prior to depressing the foot treadle as in-line foot pressure is applied to the latch trip lever located at the rear of the foot treadle
- Smooth trip lever release and treadle depression motion results in good rate of operation
- Dual treadle return springs and latching mechanism
- Anti-skid rubber feet and 3 holes for rigid mounting to floor or equipment
- All Models have a neoprene Cover Gasket plus O-Rings on the Actuating shaft and separate ground screw

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Special Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- Gated Models available for additional protection (See "Hercules Anti-Trip - Gated..." on pages 24 & 25 for details)
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)



SIZE (HxWxD):	5.78 x 6.03 x 9.13 In.
WEIGHT:	8.25 lbs.

*For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab*

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>							
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)							
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
UL, IEC	IP56	511-BOX	Momentary	Single	SPDT	C	20 A 125-250 VAC
UL, IEC	IP56	511-B2OX <sup>1</sup>	Momentary	Single	DPDT	C	1 H.P. 125-250 VAC
UL, IEC	IP56	511-B2OXA	Momentary	Two	SPDT	C	Heavy Pilot Duty 250 VAC Max.
UL, IEC	IP56	511-B3OX	Momentary	Single	SPDT DB <sup>2</sup>	Z	15 A 125-250 VAC
UL, IEC	IP56	511-B4OX <sup>1</sup>	Momentary	Single	DPDT DB <sup>2</sup>	Z	1/2 H.P. 125 VAC
UL, IEC	IP56	511-B4OXA	Momentary	Two	SPDT DB <sup>2</sup>	Z	1 H.P. 250 VAC
							Heavy Pilot Duty 250 VAC Max.

<sup>1</sup>One pole of these models has an adjustable actuating mechanism that enables you to make or break one pole before the other. EXAMPLE: You can break the N.O. Circuit long before you would remake a N.C. Circuit in a 511-B2.  
<sup>2</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line.

# Hercules Anti-Trip - Gated O Shield



**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

**Drip tight • Dust tight • Watertight • Oil tight**  
**ADVANCED DESIGN HELPS PREVENT ACCIDENTAL ACTUATION**

**Materials of Construction:**

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Special AirVal models available to the O.E.M. on special order
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

**Features & Benefits:**

- Heavy duty foot switch features an anti-trip treadle mechanism that helps prevent accidental actuation through unintentional stepping on foot treadle
- Switch operation requires that the latch trip lever be released prior to depressing the foot treadle as in-line foot pressure is applied to the latch trip lever located at the rear of the foot treadle
- Smooth trip lever release and treadle depression motion results in good rate of operation
- Dual treadle return springs and latching mechanism
- Anti-skid rubber feet and 3 holes for rigid mounting to floor or equipment
- All Models have a neoprene Cover Gasket plus O-Rings on the Actuating shaft and separate ground screw

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Special Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)



SIZE (HxWxD):	5.38 x 6.00 x 9.13 In.
WEIGHT:	8.50 lbs.

*For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab*

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>							
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)							
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
UL, IEC, NEMA	IP56	511-BG	Momentary	Single	SPDT	C	20 A 125-250 VAC
UL, IEC, NEMA	IP56	511-B2G <sup>1</sup>	Momentary	Single	DPDT	C	1 H.P. 125-250 VAC
UL, IEC, NEMA	IP56	511-B2GA	Momentary	Two	SPDT	C	Heavy Pilot Duty 250 VAC Max.
UL, IEC, NEMA	IP56	511-B3G	Momentary	Single	SPDT DB <sup>2</sup>	Z	15 A 125-250 VAC
UL, IEC, NEMA	IP56	511-B4G <sup>1</sup>	Momentary	Single	DPDT DB <sup>2</sup>	Z	1/2 H.P. 125 VAC
UL, IEC, NEMA	IP56	511-B4GA	Momentary	Two	SPDT DB <sup>2</sup>	Z	1 H.P. 250 VAC
							Heavy Pilot Duty 250 VAC Max.

<sup>1</sup>One pole of these models has an adjustable actuating mechanism that enables you to make or break one pole before the other. EXAMPLE: You can break the N.O. Circuit long before you would remake a N.C. Circuit in a 511-B2.  
<sup>2</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line.



# Hercules Anti-Trip - Gated OX Shield

**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

**Drip tight • Dust tight • Watertight • Oil tight**  
**ADVANCED DESIGN HELPS PREVENT ACCIDENTAL ACTUATION**

### Materials of Construction:

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Special AirVal models available to the O.E.M. on special order
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

### Features & Benefits:

- Heavy duty foot switch features an anti-trip treadle mechanism that helps prevent accidental actuation through unintentional stepping on foot treadle
- Switch operation requires that the latch trip lever be released prior to depressing the foot treadle as in-line foot pressure is applied to the latch trip lever located at the rear of the foot treadle
- Smooth trip lever release and treadle depression motion results in good rate of operation
- Dual treadle return springs and latching mechanism
- Anti-skid rubber feet and 3 holes for rigid mounting to floor or equipment
- All Models have a neoprene Cover Gasket plus O-Rings on the Actuating shaft and separate ground screw

### Options:

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Special Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)



SIZE (HxWxD):	6.06 x 6.03 x 9.13 In.
WEIGHT:	9.00 lbs.

*For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab*

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>							
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)							
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
UL SF	IP56	511-BOXG	Momentary	Single	SPDT	C	20 A 125-250 VAC
UL SF	IP56	511-B2OXG <sup>1</sup>	Momentary	Single	DPDT	C	1 H.P. 125-250 VAC
UL SF	IP56	511-B2OXGA	Momentary	Two	SPDT	C	Heavy Pilot Duty 250 VAC Max.
UL SF	IP56	511-B3OXG	Momentary	Single	SPDT DB <sup>2</sup>	Z	15 A 125-250 VAC
UL SF	IP56	511-B4OXG <sup>1</sup>	Momentary	Single	DPDT DB <sup>2</sup>	Z	1/2 H.P. 125 VAC
UL SF	IP56	511-B4OXGA	Momentary	Two	SPDT DB <sup>2</sup>	Z	1 H.P. 250 VAC
							Heavy Pilot Duty 250 VAC Max.

<sup>1</sup>One pole of these models has an adjustable actuating mechanism that enables you to make or break one pole before the other. EXAMPLE: You can break the N.O. Circuit long before you would remake a N.C. Circuit in a 511-B2.  
<sup>2</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line.

**NEMA Type 2, 4 & 13  
UL ENCLOSURE 2, 4 & 13  
CSA ENCLOSURE 2, 4 & 13  
EN 60529 Degree of Protection IP56**

**Drip tight • Dust tight • Watertight • Oil tight  
NO SHIELD**

**Materials of Construction:**

- Treadle, cover and housing constructed from cast iron for strength and durability
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

**Features & Benefits:**

- Rugged cast metal enclosure has sufficient weight to keep the switch from sliding when being operated
- All models have a neoprene cover gasket plus O-rings on the activating shaft and a separate ground screw
- In all Maintained Contact models the release is accomplished by simply pressing the latch with a light forward movement of the toe. The release is placed under the Full Shield so falling objects cannot easily release it
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Special Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- Potentiometer models are available (See "Hercules -Potentiometer" on pages 76-79 for details)
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)
- Hercules models available with cast aluminum base and covers (except unshielded cover which is gray iron)



Size (HxWxD):	3.16 x 4.06 x 8.38 In.	<i>For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</i>
Weight:	7.00 lbs.	

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>							
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)							
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP56	531-SWN	Momentary	Single	SPDT	C	20 A 125-250 VAC 1 H.P. 125-250 VAC Heavy Pilot Duty 250 VAC Max.
	IP56	571-DWN	Maintained	Single	SPDT	C	
	IP56	532-SWN	Momentary	Single	DPDT	C	
	IP56	572-DWN	Maintained	Single	DPDT	C	
	IP56	533-SWN	Momentary	Single	TPDT	C	
	IP56	573-DWN	Maintained	Single	TPDT	C	
	IP56	534-SWN	Momentary	Two	SPDT	C	
	IP56	574-DWN	Maintained	Two	SPDT	C	
	IP56	535-SWN	Momentary	Three	SPDT	C	
	IP56	575-DWN	Maintained	Three	SPDT	C	
	IP56	536-SWN	Momentary	Single	SPDT DB <sup>1</sup>	Z	15 A 125-250 VAC 1/2 H.P. 125 VAC 1 H.P. 250 VAC Heavy Pilot Duty 250 VAC Max.
	IP56	576-DWN	Maintained	Single	SPDT DB <sup>1</sup>	Z	
	IP56	537-SWN	Momentary	Single	DPDT DB <sup>1</sup>	Z	
	IP56	577-DWN	Maintained	Single	DPDT DB <sup>1</sup>	Z	
	IP56	538-SWN	Momentary	Two	SPDT DB <sup>1</sup>	Z	
	IP56	578-DWN	Maintained	Two	SPDT DB <sup>1</sup>	Z	

<sup>1</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line.



**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

**Drip tight • Dust tight • Watertight • Oil tight**  
**STANDARD FULL SHIELD**

**Materials of Construction:**

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

**Features & Benefits:**

- Rugged cast metal enclosure has sufficient weight to keep the switch from sliding when being operated
- All models have a neoprene cover gasket plus O-rings on the activating shaft and a separate ground screw
- In all Maintained Contact models the release is accomplished by simply pressing the latch with a light forward movement of the toe. The release is placed under the Full Shield so falling objects cannot easily release it
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- AirVal models are available (See "Hercules - Pneumatic AirVal" on page 67 for details)
- Potentiometer models are available (See "Hercules -Potentiometer" on pages 76-79 for details)
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)
- Hercules models available with cast aluminum base & covers (except unshielded cover which is gray iron)



Size (HxWxD):	4.37 x 5.88 x 9.00 In.	<i>For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</i>
Weight:	7.50 lbs.	

**⚠ WARNING SEE PRODUCT WARNING ON PAGE 103**  
 SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)

AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
UL SF	IP56	531-SWH	Momentary	Single	SPDT	C	20 A 125-250 VAC 1 H.P. 125-250 VAC Heavy Pilot Duty 250 VAC Max.
UL SF	IP56	531-SWHC2 <sup>5</sup>	Momentary	Single	SPDT	C	
UL SF	IP56	571-DWH	Maintained	Single	SPDT	C	
UL SF	IP56	532-SWH	Momentary	Single	DPDT	C	
UL SF	IP56	572-DWH	Maintained	Single	DPDT	C	
UL SF	IP56	533-SWH	Momentary	Single	TPDT	C	
UL SF	IP56	533-SWHC2 <sup>5</sup>	Momentary	Single	TPDT	C	
UL SF	IP56	573-DWH	Maintained	Single	TPDT	C	
UL SF	IP56	573-DWHC2 <sup>5</sup>	Maintained	Single	TPDT	C	
UL SF	IP56	534-SWH	Momentary	Two	SPDT	C	
UL SF	IP56	574-DWH	Maintained	Two	SPDT	C	
UL SF	IP56	574-DWHA <sup>1</sup>	See Foot Note	Two	SPDT	C	
UL SF	IP56	574-DWHD <sup>2</sup>	See Foot Note	Two	SPDT	C	
UL SF	IP56	535-SWH	Momentary	Three	SPDT	C	
UL SF	IP56	575-DWH	Maintained	Three	SPDT	C	
UL SF	IP56	575-DWHA <sup>3</sup>	See Foot Note	Three	SPDT	C	
UL SF	IP56	536-SWH	Momentary	Single	SPDT DB <sup>4</sup>	Z	15 A 125-250 VAC 1/2 H.P. 125 VAC 1 H.P. 250 VAC Heavy Pilot Duty 250 VAC Max.
UL SF	IP56	576-DWH	Maintained	Single	SPDT DB <sup>4</sup>	Z	
UL SF	IP56	537-SWH	Momentary	Single	DPDT DB <sup>4</sup>	Z	
UL SF	IP56	577-DWH	Maintained	Single	DPDT DB <sup>4</sup>	Z	
UL SF	IP56	538-SWH	Momentary	Two	SPDT DB <sup>4</sup>	Z	
UL SF	IP56	578-DWH	Maintained	Two	SPDT DB <sup>4</sup>	Z	
UL SF	IP56	578-DWHA <sup>1</sup>	See Foot Note	Two	SPDT DB <sup>4</sup>	Z	
UL SF	IP56	578-DWHD <sup>2</sup>	See Foot Note	Two	SPDT DB <sup>4</sup>	Z	

<sup>1</sup>1st stage Maintained 2nd stage Momentary. <sup>2</sup>1st stage Momentary 2nd stage Maintained. <sup>3</sup>1st stage Maintained 2nd & 3rd stage Momentary. <sup>4</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line. <sup>5</sup>"C2" designates dual 1/2" NPT conduit entry.

**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

**Drip tight • Dust tight • Watertight • Oil tight**  
**“O” SHIELD**

**Materials of Construction:**

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

**Features & Benefits:**

- Rugged cast metal enclosure has sufficient weight to keep the switch from sliding when being operated
- All models have a neoprene cover gasket plus O-rings on the activating shaft and a separate ground screw
- In all Maintained Contact models the release is accomplished by simply pressing the latch with a light forward movement of the toe. The release is placed under the Full Shield so falling objects cannot easily release it
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize “O” and “OX” Shield models accept oversized safety shoes and metatarsal foot guards. The “OX” Shield has an additional 3/4” (19.1 mm) opening height as compared to the “O” shield
- Special Dual 1/2”-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- Potentiometer models are available (See “Hercules -Potentiometer” on pages 76-79 for details)
- RF Wireless models are available (See “RF Wireless Hercules” on page 83 for details)
- Hercules models available with cast aluminum base and covers (except unshielded cover which is gray iron)



Size (HxWxD):	5.03 x 5.88 x 9.13 In.	<i>For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</i>
Weight:	8.00 lbs.	

**⚠ WARNING SEE PRODUCT WARNING ON PAGE 103**

SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)

AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP56	531-SWHO	Momentary	Single	SPDT	C	20 A 125-250 VAC 1 H.P. 125-250 VAC Heavy Pilot Duty 250 VAC Max.
	IP56	531-SWHOC <sup>5</sup>	Momentary	Single	SPDT	C	
	IP56	571-DWHO	Maintained	Single	SPDT	C	
	IP56	532-SWHO	Momentary	Single	DPDT	C	
	IP56	532-SWHOC <sup>5</sup>	Momentary	Single	DPDT	C	
	IP56	572-DWHO	Maintained	Single	DPDT	C	
	IP56	533-SWHO	Momentary	Single	TPDT	C	
	IP56	573-DWHO	Maintained	Single	TPDT	C	
	IP56	534-SWHO	Momentary	Two	SPDT	C	
	IP56	574-DWHO	Maintained	Two	SPDT	C	
	IP56	574-DWHOA <sup>1</sup>	See Foot Note	Two	SPDT	C	
	IP56	574-DWHOD <sup>2</sup>	See Foot Note	Two	SPDT	C	
	IP56	535-SWHO	Momentary	Three	SPDT	C	
	IP56	575-DWHO	Maintained	Three	SPDT	C	
	IP56	575-DWHOA <sup>3</sup>	See Foot Note	Three	SPDT	C	
	IP56	536-SWHO	Momentary	Single	SPDT DB <sup>4</sup>	Z	15 A 125-250 VAC 1/2 H.P. 125 VAC 1 H.P. 250 VAC Heavy Pilot Duty 250 VAC Max.
	IP56	576-DWHO	Maintained	Single	SPDT DB <sup>4</sup>	Z	
	IP56	537-SWHO	Momentary	Single	DPDT DB <sup>4</sup>	Z	
	IP56	577-DWHO	Maintained	Single	DPDT DB <sup>4</sup>	Z	
	IP56	538-SWHO	Momentary	Two	SPDT DB <sup>4</sup>	Z	
	IP56	578-DWHO	Maintained	Two	SPDT DB <sup>4</sup>	Z	
	IP56	578-DWHOA <sup>1</sup>	See Foot Note	Two	SPDT DB <sup>4</sup>	Z	
	IP56	578-DWHOD <sup>2</sup>	See Foot Note	Two	SPDT DB <sup>4</sup>	Z	

<sup>1</sup>1st stage Maintained 2nd stage Momentary. <sup>2</sup>1st stage Momentary 2nd stage Maintained. <sup>3</sup>1st stage Maintained 2nd & 3rd stage Momentary. <sup>4</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line. <sup>5</sup>Dual 1/2” - 14 NPT conduit entries.

**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

**Drip tight • Dust tight • Watertight • Oil tight**  
**"OX" SHIELD**

**Materials of Construction:**

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

**Features & Benefits:**

- Rugged cast metal enclosure has sufficient weight to keep the switch from sliding when being operated
- All models have a neoprene cover gasket plus O-rings on the activating shaft and a separate ground screw
- In all Maintained Contact models the release is accomplished by simply pressing the latch with a light forward movement of the toe. The release is placed under the Full Shield so falling objects cannot easily release it
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Special Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- Potentiometer models are available (See "Hercules -Potentiometer" on pages 76-79 for details)
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)
- Hercules models available with cast aluminum base and covers (except unshielded cover which is gray iron)



Size (HxWxD):	5.78 x 6.03 x 9.13 In.	<i>For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</i>
Weight:	8.50 lbs.	

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>							
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)							
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	STAGE	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP56	531-SWBOX	Momentary	Single	SPDT	C	20 A 125-250 VAC 1 H.P. 125-250 VAC Heavy Pilot Duty 250 VAC Max.
	IP56	571-DWBOX	Maintained	Single	SPDT	C	
	IP56	532-SWBOX	Momentary	Single	DPDT	C	
	IP56	572-DWBOX	Maintained	Single	DPDT	C	
	IP56	533-SWBOX	Momentary	Single	TPDT	C	
	IP56	573-DWBOX	Maintained	Single	TPDT	C	
	IP56	534-SWBOX	Momentary	Two	SPDT	C	
	IP56	574-DWBOX	Maintained	Two	SPDT	C	
	IP56	574-DWBOXA <sup>1</sup>	<i>See Foot Note</i>	Two	SPDT	C	
	IP56	574-DWBOXD <sup>2</sup>	<i>See Foot Note</i>	Two	SPDT	C	
	IP56	535-SWBOX	Momentary	Three	SPDT	C	
	IP56	575-DWBOX	Maintained	Three	SPDT	C	
	IP56	575-DWBOXA <sup>3</sup>	<i>See Foot Note</i>	Three	SPDT	C	
	IP56	536-SWBOX	Momentary	Single	SPDT DB <sup>4</sup>	Z	
	IP56	576-DWBOX	Maintained	Single	SPDT DB <sup>4</sup>	Z	
	IP56	537-SWBOX	Momentary	Single	DPDT DB <sup>4</sup>	Z	
	IP56	577-DWBOX	Maintained	Single	DPDT DB <sup>4</sup>	Z	
	IP56	538-SWBOX	Momentary	Two	SPDT DB <sup>4</sup>	Z	
	IP56	578-DWBOX	Maintained	Two	SPDT DB <sup>4</sup>	Z	
	IP56	578-DWBOXA <sup>1</sup>	<i>See Foot Note</i>	Two	SPDT DB <sup>4</sup>	Z	
	IP56	578-DWBOXD <sup>2</sup>	<i>See Foot Note</i>	Two	SPDT DB <sup>4</sup>	Z	

<sup>1</sup>1st stage Maintained 2nd stage Momentary. <sup>2</sup>1st stage Momentary 2nd stage Maintained. <sup>3</sup>1st stage Maintained 2nd & 3rd stage Momentary. <sup>4</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line.

**NEMA Type 1, 2, 4, 6, 6P & 13**  
**UL ENCLOSURE 1, 2, 4, 6, 6P & 13**  
**EN 60529 Degree of Protection IP68**  
**IEC 60601-2-2**

**Drip tight • Dust tight • Watertight • Oil tight**  
**DEVELOPED FOR WORLDWIDE APPLICATIONS**

**Materials of Construction:**

- Treadle and housing constructed from cast aluminum for environmental durability
- Painted Alert Orange
- Single PG 16 threaded conduit entry is standard

**Features & Benefits:**

- Protected by a strong cast iron cover
- Developed for worldwide application
- Snap action - SPDT and DPDT with forced disconnect (positive break) on NC contacts
- Slow action mechanism with forced disconnect on the NC contacts - available as SPDT make before break or break before make
- Direct PLC interface compatible (two-circuit bifurcated contact single-pole versions)
- Galvanically isolated bifurcated contacts - NO and NC circuits can be wired to different loads and polarities
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- 3/4-14 N.P.T. also available as standard for select models
- U.S. and other international conduit sizes and side entry available to the OEM on special order
- Side entry PG 16 threaded conduit entry available
- Twin and triple models available - Special Order



Size (HxWxD):	3.50 x 4.29 x 8.55 In.
Weight:	4.50 lbs.

*For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab*

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>						
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)						
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP68	936-SWN	Momentary	SPDT-SNAP ACTION		A300, Q300: Ith = 10A (AC) Ith = 2.5 A (DC)
	IP68	936-SWNBM <sup>1</sup>	Momentary	SPDT-SLOW ACTION BBM <sup>1</sup>		AC15: Ue = 240V; Ie = 3A Ue = 120V; Ie = 6A
	IP68	936-SWNMB <sup>2</sup>	Momentary	SPDT-SLOW ACTION MBB <sup>2</sup>		DC13: Ue = 250V; Ie = 0.27A Ue = 120V; Ie = 0.55A
	IP68	937-SWN	Momentary	DPDT-SNAP ACTION		Ue = 24V; Ie = 2.5A

<sup>1</sup>Break Before Make    <sup>2</sup>Make Before Break

**NEMA Type 1, 2, 4, 6, 6P & 13**  
**UL ENCLOSURE 1, 2, 4, 6, 6P & 13**  
**EN 60529 Degree of Protection IP68**  
**IEC 60601-2-2**

**Drip tight • Dust tight • Watertight • Oil tight**  
**DEVELOPED FOR WORLDWIDE APPLICATIONS**



**Materials of Construction:**

- Treadle and housing constructed from cast aluminum for environmental durability
- Painted Alert Orange
- Single PG 16 threaded conduit entry is standard

**Features & Benefits:**

- Protected by a strong cast aluminum Shield
- Developed for worldwide application
- Snap action - SPDT and DPDT with forced disconnect (positive break) on NC contacts
- Slow action mechanism with forced disconnect on the NC contacts - available as SPDT make before break or break before make
- Direct PLC interface compatible (two-circuit bifurcated contact single-pole versions)
- Galvanically isolated bifurcated contacts - NO and NC circuits can be wired to different loads and polarities
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- 3/4-14 N.P.T. also available as standard for select models
- U.S. and other international conduit sizes and side entry available to the OEM on special order
- Side entry PG 16 threaded conduit entry available
- Twin and triple models available - Special Order

Size (HxWxD):	4.70 x 5.88 x 9.06 In.
Weight:	5.00 lbs.

*For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab*

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>						
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)						
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP68	936-SWH	Momentary	SPDT-SNAP ACTION		A300, Q300:
	IP68	936-SWHC4 <sup>1</sup>	Momentary	SPDT-SNAP ACTION		Ith = 10A (AC) Ith = 2.5 A (DC)
	IP68	936-SWHBM <sup>2</sup>	Momentary	SPDT-SLOW ACTION BBM <sup>2</sup>		AC15: Ue = 240V; Ie = 3A
	IP68	936-SWHMB <sup>3</sup>	Momentary	SPDT-SLOW ACTION MBB <sup>3</sup>		Ue = 120V; Ie = 6A
	IP68	937-SWH	Momentary	DPDT-SNAP ACTION		DC13: Ue = 250V; Ie = 0.27A Ue = 120V; Ie = 0.55A
	IP68	937-SWHC4 <sup>1</sup>	Momentary	DPDT-SNAP ACTION		Ue = 24V; Ie = 2.5A

<sup>1</sup>"C4" designates a single 3/4"-14 NPT conduit entry    <sup>2</sup>Break Before Make    <sup>3</sup>Make Before Break

**NEMA Type 1, 2, 4, 6, 6P & 13**  
**UL ENCLOSURE 1, 2, 4, 6, 6P & 13**  
**EN 60529 Degree of Protection IP68**  
**IEC 60601-2-2**

**Drip tight • Dust tight • Watertight • Oil tight**  
**DEVELOPED FOR WORLDWIDE APPLICATIONS**

**Materials of Construction:**

- Treadle and housing constructed from cast aluminum for environmental durability
- Painted Alert Orange
- Single PG 16 threaded conduit entry is standard

**Features & Benefits:**

- Protected by a strong cast aluminum Shield
- Developed for worldwide application
- Snap action - SPDT and DPDT with forced disconnect (positive break) on NC contacts
- Slow action mechanism with forced disconnect on the NC contacts - available as SPDT make before break or break before make
- Direct PLC interface compatible (two-circuit bifurcated contact single-pole versions)
- Galvanically isolated bifurcated contacts - NO and NC circuits can be wired to different loads and polarities
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- 3/4-14 N.P.T. also available as standard for select models
- U.S. and other international conduit sizes and side entry available to the OEM on special order
- Side entry PG 16 threaded conduit entry available
- Twin and triple models available - Special Order



Size (HxWxD):	5.37 x 5.88 x 9.13 In.
Weight:	5.25 lbs.

For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>						
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)						
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP68	936-SWHO	Momentary	SPDT-SNAP ACTION		A300, Q300: Ith = 10A (AC) Ith = 2.5 A (DC)
	IP68	936-SWHOBM <sup>1</sup>	Momentary	SPDT-SLOW ACTION BBM <sup>1</sup>		AC15: Ue = 240V; Ie = 3A Ue = 120V; Ie = 6A
	IP68	936-SWHOMB <sup>2</sup>	Momentary	SPDT-SLOW ACTION MBB <sup>2</sup>		DC13: Ue = 250V; Ie = 0.27A Ue = 120V; Ie = 0.55A
	IP68	937-SWHO	Momentary	DPDT-SNAP ACTION		Ue = 24V; Ie = 2.5A
	IP68	937-SWHOC <sup>3</sup>	Momentary	DPDT-SNAP ACTION		

<sup>1</sup>Break Before Make    <sup>2</sup>Make Before Break    <sup>3</sup>"C4" designates a single 3/4"-14 NPT conduit entry

**NEMA Type 1, 2, 4, 6, 6P & 13**  
**UL ENCLOSURE 1, 2, 4, 6, 6P & 13**  
**EN 60529 Degree of Protection IP68**  
**IEC 60601-2-2**



**Drip tight • Dust tight • Watertight • Oil tight**  
**DEVELOPED FOR WORLDWIDE APPLICATIONS**

**Materials of Construction:**

- Treadle and housing constructed from cast aluminum for environmental durability
- Painted Alert Orange
- Single PG 16 threaded conduit entry is standard

**Features & Benefits:**

- Protected by a strong cast aluminum Shield
- Developed for worldwide application
- Snap action - SPDT and DPDT with forced disconnect (positive break) on NC contacts
- Slow action mechanism with forced disconnect on the NC contacts - available as SPDT make before break or break before make
- Direct PLC interface compatible (two-circuit bifurcated contact single-pole versions)
- Galvanically isolated bifurcated contacts - NO and NC circuits can be wired to different loads and polarities
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- 3/4-14 N.P.T. also available as standard for select models
- U.S. and other international conduit sizes and side entry available to the OEM on special order
- Side entry PG 16 threaded conduit entry available
- Twin and triple models available - Special Order

Size (HxWxD):	6.12 x 6.03 x 9.13 In.
Weight:	5.50 lbs.
<i>For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</i>	

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>						
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)						
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP68	936-SWHOX	Momentary	SPDT-SNAP ACTION		A300, Q300: Ith = 10A (AC) Ith = 2.5 A (DC) AC15: Ue = 240V; Ie = 3A Ue = 120V; Ie = 6A DC13: Ue = 250V; Ie = 0.27A Ue = 120V; Ie = 0.55A Ue = 24V; Ie = 2.5A
	IP68	936-SWHOXC <sup>3</sup>	Momentary	SPDT-SNAP ACTION		
	IP68	936-SWHOXBM <sup>1</sup>	Momentary	SPDT-SLOW ACTION BBM <sup>1</sup>		
	IP68	936-SWHOXMB <sup>2</sup>	Momentary	SPDT-SLOW ACTION MBB <sup>2</sup>		
	IP68	937-SWHOX	Momentary	DPDT-SNAP ACTION		
	IP68	937-SWHOXC <sup>3</sup>	Momentary	DPDT-SNAP ACTION		

<sup>1</sup>Break Before Make    <sup>2</sup>Make Before Break    <sup>3</sup>"C4" designates a single 3/4"-14 NPT conduit entry

**CLASS I, DIVISION 1, Group D**  
**CLASS II, DIVISION 1, Group F & G**  
**CLASS I, ZONE 1, GROUP IIA**  
**NEMA Type 2, 7D & 9F**  
**UL ENCLOSURE 2**  
**EN 60529 Degree of Protection IP41**

## EQUIPMENT FOR HAZARDOUS LOCATIONS

### Materials of Construction:

- Aluminum full guard with integral base plate painted Alert Orange
- All models supplied with a 3/4"-14 N.P.T. threaded rigid metal conduit entry and mounting provisions in the base plate
- Integral handle for ease of moving

### Features & Benefits:

- Non sparking cast aluminum housing
- 4 holes provided for rigid mounting to floor or equipment
- The two pedal model is supplied with a divider bar between pedals which helps prevent accidental operation of both pedals at one time

### Options:

- Waterproof model available under "600 Series" (See "Explosion Proof - Industrial 600" on page 35 for details)
- Medical Explosion-proof models available (See "Explosion Proof - Medical..." on pages 36 & 37 for details)



Size (HxWxD):	4.38 x 11.00 x 10.25 In.
Weight:	8.75 lbs.
<i>For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</i>	

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>						
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)						
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	ELECTRICAL RATINGS
cULus	IP41	592-EX	Single Pedal / Momentary	SPDT	C	15 A 125 VAC 10 A 250 VAC
cULus	IP41	594-EX	Single Pedal / Momentary	DPDT	C	3/4 H.P. 125 VAC 1 H.P. 250 VAC
cULus	IP41	597-EX	Two Pedal / Momentary	Each Pedal SPDT	C	3 A 28 VDC Heavy Pilot Duty 250 VAC Max.



**CLASS I, DIVISION 1, Group D**  
**CLASS II, DIVISION 1, Group F & G**  
**CLASS I, ZONE 1, GROUP IIA**  
**NEMA Type 2, 3, 4, 6, 6P, 13, 7D & 9F**  
**UL ENCLOSURE 2, 3, 4, 6, 6P, 7, 9 & 13**  
**EN 60529 Degree of Protection IP68**  
**Meets IEC 60601-2-2**

***Drip tight • Dust tight • Watertight • Oil tight***  
**EQUIPMENT FOR HAZARDOUS LOCATIONS**

**Materials of Construction:**

- Aluminum full guard with integral base plate painted Alert Orange
- Integral handle for ease of moving
- All models supplied with a 3/4"-14 N.P.T. threaded rigid metal conduit entry and mounting provisions in the base plate
- Industrial Explosion Proof foot switch Series 600 offers added environmental protection against water and oil, through the addition of sealing O-rings on the pivot rod and between the cover and base
- This is accomplished by increasing the thickness of the housing walls, without negating the integrity of the metal to metal contact required to qualify as explosion proof

**Features & Benefits:**

- Non sparking cast aluminum housing
- 4 holes provided for rigid mounting to floor or equipment
- The two pedal model is supplied with a divider bar between pedals which helps prevent accidental operation of both pedals at one time

**Options:**

- Medical Explosion-proof models available (See "Explosion Proof - Medical..." on pages 36 & 37 for details)



Size (HxWxD):	4.38 x 11.00 x 10.25 In.
Weight:	9.50 lbs.

*For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab*

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>						
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)						
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP68	602-EX	Single Pedal / Momentary	SPDT	C	15 A 125 VAC 10 A 250 VAC
	IP68	604-EX	Single Pedal / Momentary	DPDT	C	3/4 H.P. 125 VAC 1 H.P. 250 VAC
	IP68	607-EX	Two Pedal / Momentary	Each Pedal SPDT	C	3 A 28 VDC Heavy Pilot Duty 250 VAC Max.

**CLASS I, DIVISION 1, Group C & D**  
**CLASS I, ZONE 1, Group IIA & IIB**  
**NEMA Type 7C**  
**EN 60529 Degree of Protection IP68**

**EQUIPMENT FOR HAZARDOUS LOCATIONS**  
*Not For Use In Industrial Applications*

**Materials of Construction:**

- Aluminum base plate with nonskid conductive rubber base pad
- Both models prewired with potted connector MS-3102R-18-4PW
- Two pedal model wired with an electrical interlock and supplied with a divider bar between pedals which helps prevent accidental operation of both pedals at one time
- Foot switch painted black
- Integral handle for ease of moving

**Features & Benefits:**

- Non sparking cast aluminum housing
- The two pedal model is supplied with a divider bar between pedals which helps prevent accidental operation of both pedals at one time
- Two pedal models prewired with electrical interlock

**Options:**

- Use mating connector MS-3106A-18-4SW, plus strain relief clamp MS-3057-10 or 10A
- Mating connector with cable clamp available from LINEMASTER®. Order as Catalog Number LSC-835
- Industrial Explosion-proof models available (See “Explosion Proof - Industrial...” on pages 34 & 35 for details)



Size (HxWxD):	4.38 x 9.75 x 10.00 In.
Weight:	7.50 lbs.

*For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab*

**⚠ WARNING SEE PRODUCT WARNING ON PAGE 103**

SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)

AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	WIRED	ELECTRICAL RATINGS
	IP41	591-EX	Single Pedal / Momentary	SPDT	C	Pin A-Normally Open B-Common C-Normally Closed D-Ground	5 A 125-250 VAC 3 A 28 VDC
	IP41	596-EX	Two Pedal / Momentary	Each Pedal SPNO	A	Pin A-Normally Open (Left Pedal) B-Common C-Normally Open (Right Pedal) D-Ground	

**CLASS I, DIVISION 1, Group C & D**  
**CLASS I, ZONE 1, Group IIA & IIB**  
**NEMA Type 7C**  
**EN 60529 Degree of Protection IP68**  
**Meets IEC 60601-2-2**

**EQUIPMENT FOR HAZARDOUS LOCATIONS**  
*Not For Use In Industrial Applications*

**Materials of Construction:**

- Medical Explosion Proof foot switch Series 600 is a UL Listed construction that allows the addition of sealing O-rings on the pivot rod and between the base and cover
- This is accomplished by increasing the thickness of the housing wall, without negating the integrity of the metal to metal contact required to qualify as explosion proof
- Aluminum baseplate with non-skid conductive rubber basepad
- Footswitch painted black
- Integral handle for ease of moving

**Features & Benefits:**

- Non sparking cast aluminum housing
- The two pedal model is supplied with a divider bar between pedals which helps prevent accidental operation of both pedals at one time
- Two pedal models prewired with electrical interlock

**Options:**

- Use mating connector MS or CA-3106F-18-4SW-(A105)-(F74)\* which includes cable clamp, or CA-06R-18-4SW-(A105)-(F74)\* which includes cable clamp
- Mating connector with cable clamp available from LINEMASTER®. Order as Catalog Number LSC-575-24
- Industrial Explosion-proof models available (See “Explosion Proof - Industrial...” on pages 34 & 35 for details)



Size (HxWxD):	4.38 x 9.75 x 10.00 In.
Weight:	8.00 lbs.

*For Dimension Drawings visit [www.linemaster.com](http://www.linemaster.com) and click on Line Drawings located under the Guides & Literature Tab*

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>							
SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)							
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	WIRED	ELECTRICAL RATINGS
	IP68	601-EX	Single Pedal / Momentary	SPDT	C	Pin A-Normally Open B-Common C-Normally Closed D-Ground	5 A 125-250 VAC 3 A 28 VDC
	IP68	606-EX	Two Pedal / Momentary	Each Pedal SPNO	A	Pin A-Normally Open (Left Pedal) B-Common C-Normally Open (Right Pedal) D-Ground	