



**PATENTED**

# Aquiline® Momentary - Polymeric

**EN 60529 Degree of Protection IP20 (IP68 Upon Request)**

**971-SWNO210 & 971-SWNO210A are NEMA Type 1, 4X, 6 & 6P – UL Enclosure 1, 4X, 6 & 6P, and IP68**

**Watertight • Corrosion Resistant (Available)  
VERSATILE COMPACT DESIGN**

**Materials of Construction:**

- SPDT, DPDT, Two-Stage, Momentary Operation
- Rustproof and corrosion proof polymeric material
- Raised ribs on treadle for positive traction during operation
- Integrated adjustable strain relief clamp accommodates cord sizes from .250 Dia. to .400 Dia.

**Features & Benefits:**

- Flame retardant to 94-VI
- Maximum versatility, total performance
- Non-skid base pad
- 2 holes provided for rigid mounting to Floor or equipment

**Options:**

- Custom colors, and color matching available with quantity orders
- Private Labeling
- Accessory base units available for configurations using multiple switches
- Stainless steel full guard (single) 522-K26 available (See “Accessories - Guards” on page 95 for details)
- Supplied with Series Plug (See “Stock Cordsets with Molded Plug” on page 96 for details) unless otherwise noted
- Special variations built to functional customers’ specifications are available on special order. Custom paint finishes, cordsets, nameplates and multi-pedal versions are available. Please contact LINEMASTER® for additional information
- Heavy gauge steel guard available (See “Accessories - Guards” on pages 94 & 95 for details)



Polymeric - Single	
Size (HxWxD):	1.09 x 3.44 x 4.00 In.
Weight:	3.60 oz.

*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	COLOR	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP20	971-S	Polymeric / Momentary	Dark Gray	SPDT	C	15 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	971-SA	Polymeric / Momentary	Light Gray	SPDT	C	
	IP20	971-SB	Polymeric / Momentary	Blue	SPDT	C	
	IP20	971-SO	Polymeric / Momentary	Orange	SPDT	C	
	IP20	971-SY	Polymeric / Momentary	Yellow	SPDT	C	
	IP20	974-S	Polymeric / Momentary	Dark Gray	DPDT	C	15 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	974-SA	Polymeric / Momentary	Light Gray	DPDT	C	
	IP68	971-SWNO210 <sup>1</sup>	Polymeric / Momentary	Dark Gray	SPST Wired N.O.	A	3 A 25 VAC
	IP68	971-SWNO210A <sup>1</sup>	Polymeric / Momentary	Light Gray	SPST Wired N.O.	A	
	IP20	971-SC26 <sup>2</sup>	Polymeric / Momentary	Dark Gray	SPDT Wired N.O.	A	10 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	971-SC26A <sup>2</sup>	Polymeric / Momentary	Light Gray	SPDT Wired N.O.	A	

<sup>1</sup>Meets IP68 & is supplied with 10 ft. 18/2 cord without plug.  
<sup>2</sup>Supplied with 6 ft. 18/2 cord without plug.

**EN 60529 Degree of Protection IP20 (IP68 Upon Request)**

**Corrosion Resistant  
VERSATILE COMPACT DESIGN**

**Materials of Construction:**

- SPST, Maintained Operation
- Rustproof and corrosion proof reinforced polymeric material
- Raised ribs on treadle for positive traction during operation
- Integrated adjustable strain relief clamp accommodates cord sizes from .250 Dia. to .400 Dia.

**Features & Benefits:**

- Flame retardant to 94-VI
- Maximum versatility, total performance
- Non-skid base pad
- 2 holes provided for rigid mounting to Floor or equipment

**Options:**

- Custom colors, and color matching available with quantity orders
- Private Labeling
- Accessory base units available for configurations using multiple switches
- Stainless steel full guard (single) 522-K26 available (See “Accessories - Guards” on page 95 for details)
- Supplied with Series Plug (See “Stock Cordsets with Molded Plug” on page 96 for details) unless otherwise noted
- Special variations built to functional customers’ specifications are available on special order. Custom paint finishes, cordsets, nameplates and multi-pedal versions are available. Please contact LINEMASTER® for additional information
- Heavy gauge steel guard available (See “Accessories - Guards” on pages 94 & 95 for details)



Polymeric - Single	
Size (HxWxD):	1.09 x 3.44 x 4.00 In.
Weight:	3.60 oz.
For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides & Literature Tab	

<b>SEE PRODUCT WARNING ON PAGE 8</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	COLOR	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP20	971-DJ	Polymeric / Maintained	Dark Gray	SPST-NO	A	12 A 1 H.P. 250 VAC 1/2 H.P. 125 VAC
	IP20	971-DC3J <sup>1</sup>	Polymeric / Maintained	Dark Gray	SPST-NO	A	
	IP20	971-DC26J <sup>2</sup>	Polymeric / Maintained	Dark Gray	SPST-NO	A	
	IP20	971-DC28J <sup>3</sup>	Polymeric / Maintained	Dark Gray	SPST-NO	A	
<sup>1</sup> Supplied with 8 ft. 16/3 cord with 3 prong series plug (Restricts use of foot switch assembly to 125 VAC Only). Plastic model is not grounded. <sup>2</sup> Supplied with 6 ft. 16/2 cord, no ground. <sup>3</sup> Supplied with 8 ft. 16/2 cord, no ground.							

## EN 60529 Degree of Protection IP20

### VERSATILE COMPACT DESIGN

#### Materials of Construction:

- SPDT, DPDT, Two-Stage, Momentary or Maintained Operation
- Rustproof and corrosion proof cast zinc cover and formed steel base
- Raised ribs on treadle for positive traction during operation
- Integrated adjustable strain relief clamp accommodates cord sizes from .250 Dia. to .400 Dia.

#### Features & Benefits:

- Maximum versatility, total performance
- Non-skid base pad
- 2 holes provided for rigid mounting to Floor or equipment
- Twin model has Electrical Interlock feature

#### Options:

- Custom colors, and color matching available with quantity orders
- Private Labeling
- Accessory base units available for configurations using multiple switches
- Stainless steel full guard (single) 522-K26 available (See "Accessories - Guards" on page 95 for details)
- Supplied with Series Plug (See "Stock Cordsets with Molded Plug" on page 96 for details) unless otherwise noted
- Special variations built to functional customers' specifications are available on special order. Custom paint finishes, cordsets, nameplates and multi-pedal versions are available. Please contact us for additional information
- Heavy gauge steel guard available (See "Accessories - Guards" on pages 94 & 95 for details)
- For Medical multi switch options see page 13 for details



Single	
Size (HxWxD):	1.09 x 3.44 x 4.00 In.
Weight:	1.00 lb.
Twin	
Size (HxWxD):	1.25 x 7.547 x 5.562
Weight:	4.45 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	COLOR	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP20	971-DJM	Die Cast Zinc / Maintained	Black	SPST-NO	A	12 A 1 H.P. 250 VAC 1/2 H.P. 125 VAC
	IP20	971-DC3JM <sup>1</sup>	Die Cast Zinc / Maintained	Black	SPST-NO	A	
	IP20	971-DC36JM <sup>2</sup>	Die Cast Zinc / Maintained	Black	SPST-NO	A	
	IP20	971-DC38JM <sup>3</sup>	Die Cast Zinc / Maintained	Black	SPST-NO	A	
	IP20	971-SM	Die Cast Zinc / Momentary	Black	SPDT	C	15 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	972-S	Die Cast Zinc / Momentary 2-Stage	Black	SPDT Each Stage	C	
	IP20	974-SM	Die Cast Zinc / Momentary 2-Stage	Black	DPDT Each Stage	C	
	IP20	TWIN 971-SMC48 <sup>4</sup>	Die Cast Zinc / Momentary	Black	SPDT Wired N.O.	A	13 A 125-250 VAC 1/2 H.P. 125-250 VAC

<sup>1</sup>Supplied with 8 ft. 16/3 cord with 3 prong series plug (Restricts use of foot switch assembly to 125 VAC Only). Plastic model is not grounded.

<sup>2</sup>Supplied with 6 ft. 16/3 cord, grounded. <sup>3</sup>Supplied with 8 ft. 16/3 cord, grounded. <sup>4</sup>Supplied with 8' 16/4 cord without plug. Green lead grounded.

## EN 60529 Degree of Protection IP20

**Splash Resistant (Available Momentary Only)**  
**VERSATILE COMPACT DESIGN**

### Materials of Construction:

- Steel housing is painted Black
- Metal Mounting Plate spot welded to base on 491-SC36MP
- Twin Baseplate formed from cast aluminum
- The two pedal model is supplied with a divider bar between pedals which helps prevent accidental operation of both pedals at one time

### Features & Benefits:

- Momentary & Maintained Models Non-Skid base pad for secure placement
- Compact in size and light in weight
- Supplied with internal adjustable strain relief
- Built for long life
- 2 Mounting Holes for Rigid Mounting to Floor or Equipment

### Options:

- Rectangular mounting bracket is available for Compact models on special order. Bracket comes spot-welded to switch base and has two clearance holes for mounting
- Heavy gauge steel guard available (See "Accessories - Guards" on pages 94 & 95 for details)
- Airval models available (See "Compact Pneumatic Airval" on page 70 for details)



Single	
Size (HxWxD):	1.28 x 2.50 x 2.87 In.
Weight:	7.00 oz.
Twin	
Size (HxWxD):	1.46 x 5.98 x 2.875 In.
Weight:	1.25 lbs.
Mounting Bracket Model	
Size (HxWxD):	1.28 In. x 3.50 x 2.87 In.
Weight:	1.05 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	ELECTRICAL RATINGS
	IP20	491-S	Single / Momentary	SPDT	C	10 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	491-SC36 <sup>2</sup>	Single / Momentary	SPDT Wired N.O.	A	10 A 125 VAC 1/2 H.P. 125 VAC
	IP20	491-SC3 <sup>1</sup>	Single / Momentary	SPDT Wired N.O.	A	20 A 125-250 VAC 1 H.P. 125-250 VAC
	IP20	TWIN 491-S	Twin / Momentary	SPDT - Each Side	C	10 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	491-SC36MP <sup>2</sup>	Single / Momentary with Mounting Plate	SPDT Wired N.O.	A	

<sup>1</sup>Supplied with 6 ft. 16/3 cord with 3 prong series plug. Green lead grounded. <sup>2</sup>Supplied with 6 ft. 18/3 cord without plug. Green lead grounded.

## EN 60529 Degree of Protection IP20

**Splash Resistant (Available Momentary Only)**  
**VERSATILE COMPACT DESIGN**

### Materials of Construction:

- Zinc die-cast cover and base
- Black Powder-Coat paint finish
- Plastic base and cover inserts for insulation
- 18 Gauge, 8 foot cable on select models

### Features & Benefits:

- Non-Skid base pad for secure placement
- Larger foot print and heavier than the original Compact
- Supplied with internal adjustable strain relief
- Built for long life
- 2 Mounting Holes for Rigid Mounting to Floor or Equipment

### Options:

- Rectangular mounting bracket is available for Compact models on special order. Easy to assemble.
- Heavy gauge steel guard available (See “Accessories - Guards” on pages 94 & 95 for details)
- 25 Amp option available
- Plastic Cover Available
- IP68 (Waterproof) option available.



Single	
Size (HxWxD):	1.42 x 2.76 x 3.15 In.
Weight:	11.00 oz
<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
	IP20	811-SZ	Single / Momentary	SPDT	C	20 A 125/250 VAC 1 1/2 H.P. 125 VAC; 2 H.P. 250 VAC
	IP20	811-SC3Z <sup>1</sup>	Single / Momentary	SPDT Wired N.O.	A	10 A 1/2 H.P. 125 VAC
	IP20	811-SC36Z <sup>2</sup>	Single / Momentary	SPDT Wired N.O.	A	10 A 1/2 H.P. 125/250 VAC

<sup>1</sup>Supplied with 8 ft. 18/3 cord with 3 prong series plug. Green lead grounded. <sup>2</sup>Supplied with 8 ft. 18/3 cord without plug. Green lead grounded.

## EN 60529 Degree of Protection IP20 (IP68 Upon Request)

### Splash Resistant (Available) LIGHT DUTY COMPACT DESIGN

#### Materials of Construction:

- Strong steel housing is painted black
- Two single models mounted on a steel base
- A divider bar between pedals which helps prevent accidental operation of both switches at one time
- All wiring between the two switches is concealed

#### Features & Benefits:

- Nonskid base pad
- Designed to give a long economical service life
- Only one cord is brought out the right side eliminating the need for wire junctions & reducing wiring costs

#### Options:

- Triple Models Available
- Heavy gauge steel guard available (See "Accessories - Guards" on pages 94 & 95 for details)
- Rectangular mounting bracket is available for Hi-Treadlite models on special order
- Bracket comes spot-welded to switch base and has two clearance holes for mounting



Single	
Size (HxWxD):	1.37 x 2.625 x 3.56 In.
Weight:	10 oz.
Twin	
Size (HxWxD):	1.50 x 5.44 x 3.56 In.
Weight:	1.50 lbs.
For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides & Literature Tab	

<b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 8</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
	IP20	HT-52-S	Momentary	SPDT	C	20 A 125-250 VAC 1 H.P. 125-250 VAC
	IP20	HT-52-SC36 <sup>1</sup>	Momentary	SPST Wired N.O.	A	10 A 125-250 VAC 1/2 H.P. 125 VAC 1 H.P. 250 VAC
	IP20	TWIN HT-52-S	Momentary	SPDT - Each Side	C	20 A 125-250 VAC 1 H.P. 125-250 VAC

<sup>1</sup>Supplied with 6 ft. 16/3 cord without plug. Green lead grounded.

## EN 60529 Degree of Protection IP20 (IP68 Upon Request)

**Drip tight • Dust tight • Watertight (Available)**  
**COMPACT VERSATILE LOW PROFILE DESIGN**

### Materials of Construction:

- Steel housing is painted black
- Two single models mounted on a twin base plate with or without wiring channel
- A divider bar between pedals which helps prevent accidental operation of both switches at one time

### Features & Benefits:

- Nonskid base pad and foot treadle pad
- 2 Holes provided for rigid mounting to floor or equipment
- The low profile and light pressure required to operate reduces operator fatigue

### Options:

- Special Twin, Triple & Quad baseplates with wiring channel available on special order
- Stainless Steel Model Available (See "Treadlite II - Stainless Steel" on page 58 for details)
- Mounting Plate Available
- Heavy gauge steel guard available (See "Accessories - Guards" on pages 94 & 95 for details)



**WARNING** THE T-91-PS and T-91-PSNC ARE LOW POWER DEVICES AND MUST BE USED ONLY IN THOSE APPLICATIONS WHERE SUITABLE DESIGN CONSTRAINTS AND SAFETY PRECAUTIONS ARE MET.

Single		Twin Without Wire Channel	
Size (HxWxD):	1.00 x 2.63 x 3.50 In.	Size (HxWxD):	1.48 x 6.12 x 3.56 In.
Weight:	7.00 oz.	Weight:	1.50 lbs.
Twin with Wire Channel		<i>For Dimension Sheet visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</i>	
Size (HxWxD):	1.38 In. x 7.94 x 5.56		
Weight:	4.00 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	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP20	T-91-S	Single / Momentary	SPDT	C	15 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	TWIN T-91-S <sup>9</sup>	Single / Momentary	SPDT Each Side	C	15 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	T-91-SC36 <sup>1</sup>	Single / Momentary	SPDT Wired N.O.	A	10 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	T-91-SCEA <sup>7</sup>	Single / Momentary	SPDT Wired N.O.	A	15 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	T-91-SC36A <sup>2</sup>	Single / Momentary	SPDT Wired N.O.	A	10 A 125 VAC 1/2 H.P. 125 VAC
	IP20	T-91-SC3 <sup>4</sup>	Single / Momentary	SPDT Wired N.O.	A	15 A 125 VAC 1/2 H.P. 125 VAC
	IP20	T-91-SC3A <sup>5</sup>	Single / Momentary	SPDT Wired N.O.	A	3 A 30 VAC Max. Class 2 Circuits Only
	IP20	T-91-PS <sup>6</sup>	Single / Momentary	SPDT Wired N.O.	B	16 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	T-91-PSNC <sup>6</sup>	Single / Momentary	SPDT Wired N.C.	B	16 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	T-91-SCE <sup>8</sup>	Single / Momentary	SPDT Wired N.O.	A	13 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	T-91-SE	Single / Momentary	SPDT	C	
	IP20	TWIN T-91-SC48 <sup>3</sup>	Twin / Momentary	SPDT Wired N.O. Both Sides	A	

<sup>1</sup>Supplied with 6 ft. 18/3 cord without plug. Green lead grounded. <sup>2</sup>Supplied with 6 ft. 14/3 cord without plug. Green lead grounded. <sup>3</sup>Two T-91-S models mounted on a common steel baseplate, with a wiring channel & supplied with 8 ft. 16/4 cord without plug. Green lead grounded. <sup>4</sup>Supplied with 6 ft. 18/3 cord with 3 prong series plug. Green lead grounded. <sup>5</sup>Supplied with 8 ft. 14/3 cord with 3 prong series plug. Green lead grounded. <sup>6</sup>Supplied with 8 ft. 22/1 audio cable with 2 contact .250 diameter phone plug, not grounded. <sup>7</sup>Supplied with 2 meter 18/3 cord with brown, blue & green/yellow leads. <sup>8</sup>Supplied with 2 meter 14/3 cord <sup>9</sup>Two T-91-S models mounted on common cast aluminum base, no wiring Channel

# Treadlite II - Stainless Steel



**EN 60529 Degree of Protection IP68**  
**NEMA Type 1, 4X, 6, & 6P IP68**  
**UL Enclosure 1, 4X, 6, & 6P**

***Drip tight • Dust tight • Watertight • Corrosion Resistant (Available)***  
**COMPACT VERSATILE LOW PROFILE DESIGN**

**Materials of Construction:**

- Stainless Steel housing with brushed finish

**Features & Benefits:**

- Nonskid base pad and foot treadle pad
- The low profile and light pressure required to operate reduces operator fatigue

**Options:**

- Stainless Steel Full Guard Available  
 (See “Accessories - Guards” on page 95 for details)



Size (HxWxD):	.85 x 2.63 x 3.50 In.
Weight:	8.00 oz.

*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	ELECTRICAL RATINGS
cUL US	IP68	T-91-SWANOS <sup>1</sup>	Momentary	SPST-N.O.	A	3 A 125-250 VAC
cUL US	IP68	T-91-SWANO3S <sup>2</sup>	Momentary	SPST wired N.O.	A	3 A 125 VAC
cUL US	IP68	T-91-SWANO38S <sup>3</sup>	Momentary	SPST wired N.O.	A	3 A 125-250 VAC

<sup>1</sup>Supplied without cordset.  
<sup>2</sup>Supplied with 8 ft. 18/3 cord and 3-prong series plug, green lead grounded.  
<sup>3</sup>Supplied with 8 ft. 18/3 cord without plug, green lead grounded.

## EN 60529 Degree of Protection IP20 (IP68 Upon Request)

**Splash Resistant • Corrosion Resistant (Available)**

**LIGHT DUTY GENERAL PURPOSE DESIGN**

### Materials of Construction:

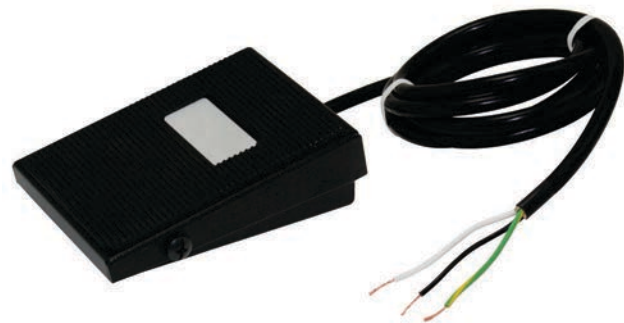
- Steel Housing is painted black
- Ribbed rubber foot pad for traction
- Steel fasteners
- Non-skid base pad for traction on various surfaces
- Internal plastic strain relief connector

### Features & Benefits:

- Proven Reliability
- 2 holes provided for rigid mounting to floor or equipment
- The low profile and light pressure required to operate reduces operator fatigue.
- Front Hinge position for ease of actuation.

### Options:

- Heavy gauge steel guard available
- Cabled variations available
- Multipedal options available on special order.



Size (HxWxD):	1.18 x 2.89 x 3.60 In.
Weight:	7 oz. / 1 lb. Corded

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	ELECTRICAL RATINGS
	IP20	T-91-SFZ	Single / Momentary	SPDT	C	15 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	T-91-SC3FZ <sup>1</sup>	Single / Momentary	SPDT Wired N.O.	A	10 A 125 VAC 1/2 H.P. 125 VAC
	IP20	T-91-SC36FZ <sup>2</sup>	Single / Momentary	SPDT Wired N.O.	A	10 A 125 VAC 1/2 H.P. 125 VAC

<sup>1</sup> Supplied with 6 ft. 18/3 cord with 3 prong series plug. Green lead grounded.

<sup>2</sup> Supplied with 6 ft. 18/3 cord without plug. Green lead grounded.

**NEMA Type 2, 4, 6 & 6P**  
**EN 60529 Degree of Protection IP68**  
**Meets IEC 60601-2-2**

***Drip tight • Dust tight • Watertight***  
**HIGH IMPACT LOW PROFILE OMNI-DIRECTIONAL DESIGN**

**Materials of Construction:**

- Actuation from any direction with moderate pressure
- The cover and base is molded in a high impact polymeric compound
- Base includes mounting provisions

**Features & Benefits:**

- Low profile to aide in elimination of fatigue
- A nonskid base pad
- Wired normally open, no ground

**Options:**

- Stainless Steel Weight Plate Available
- Custom Cable Available



**⚠ WARNING** INTENDED FOR INDOOR USE PRIMARILY TO PROVIDE A DEGREE OF PROTECTION AGAINST THE ENTRY OF WATER DURING OCCASIONAL TEMPORARY SUBMERSION AT A LIMITED DEPTH.

Size (DIA. X H):	3.50 x 1.00 In.
Weight:	9.00 oz.

*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
cULus	IP68	D41-SNO28 <sup>1</sup>	Momentary	SPST Wired N.O.	A	5 A Resistive 125 VAC 28 VDC 3 A General Purpose 125 VAC
<sup>1</sup> Supplied with 8 ft. 18/2 cord without plug.						

## EN 60529 Degree of Protection IP20 (IP68 Upon Request)

**Splash Resistant (Available)**

**LARGE LOW PROFILE OMNI-DIRECTIONAL DESIGN**

### Materials of Construction:

- Round Nickel Chrome Cover
- Heavy Gauge Steel Base plate
- Stain resistant black nitrile Nonskid Base Pad
- The cable shroud provides additional flex protection for the cable

### Features & Benefits:

- Designed for long life use
- Operates From Any Direction with moderate pressure
- Extended cable Flex Protection
- Cable shroud provides additional flex protection for cable
- The internal reversible cable clamp accepts a wide range of cable sizes

### Options:

- Custom paint finish available on cover
- AirVal models available (See “Premier - Pneumatic AirVal” on page 66 for details)
- Linear models available contact Linemaster for details



Size (Dia. x H):	5.75 x 1.50 In.
Weight:	2.00 lbs.
<p><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></p>	

<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
	IP20	P32-S	Momentary	SPDT	C	20 A 125-250 VAC 1 H.P. 125-250 VAC
	IP20	P31-SC3 <sup>1</sup>	Momentary	SPDT Wired N.O.	A	10 A 125-250 VAC 1/2 H.P. 125-250 VAC
	IP20	P31-SC36 <sup>2</sup>	Momentary	SPDT Wired N.O.	A	

<sup>1</sup>Supplied with 6 ft. 18/3 cord with 3 prong series plug. Green lead grounded. <sup>2</sup>Supplied with 6 ft. 18/3 cord without plug. Green lead grounded.

**NEMA Type 2 UL ENCLOSURE 2 (VK ONLY)**  
**EN 60529 Degree of Protection IP21 (IP68 Upon Request)**

**Drip tight • Dust tight (VK ONLY) Corrosion Resistant**  
**COMPACT OMNI-DIRECTIONAL DESIGN**

**Materials of Construction:**

- Mounted in a chrome plated heavy zinc die cast housing
- A full nonskid base pad
- A special vinyl cover gives added environmental protection against limited amounts of water and dirt
- The dip molded cover is bonded to the vinyl base pad of the foot switch

**Features & Benefits:**

- Features a round black actuating cap
- Moderate pressure from any direction operates the switch
- Standard models supplied with cordset
- Wired normally open and grounded
- Ease of operation with foot or hand
- The cable entry boot is clinched tight to the cordset

**Options:**

- Special paint finish available
- Silk Screening available
- Special single wiring channel with or without side protectors available
- Twin version available
- Linear models available contact Linemaster for details
- European type foot switch is offered pre wired with 3 conductor cordset having brown, blue and green/yellow colored leads. It is a momentary contact and wired normally open with green/yellow lead grounded to switch base



V Series	
Size (Dia. x H):	3.81 x 1.30 In.
Weight:	1.00 lbs.
VK Series	
Size (Dia. x H):	5.06 x 1.57 In.
Weight:	1.50 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	ELECTRICAL RATINGS
cUL <sub>US</sub>	IP21	GEM-VK3 <sup>1</sup>	Momentary / Vinyl Cover	SPST Wired N.O.	A	10 A 125 VAC 1/2 H.P. 125 VAC
cUL <sub>US</sub> CE	IP21	GEM-VK36 <sup>2</sup>	Momentary / Vinyl Cover	SPST Wired N.O.	A	10 A 125-250 VAC 1/2 H.P. 125-250 VAC
cUL <sub>US</sub> CE	IP20	GEM-VCEA <sup>3</sup>	Momentary	SPST Wired N.O.	A	10 A 125-250 VAC 1/2 H.P. 125-250 VAC
cUL <sub>US</sub> CE	IP20	GEM-V2	Momentary	SPDT	C	15 A 125-250 VAC 1/2 H.P. 125-250 VAC
cUL <sub>US</sub>	IP20	GEM-V3 <sup>1</sup>	Momentary	SPST Wired N.O.	A	10 A 125 VAC 1/2 H.P. 125 VAC
cUL <sub>US</sub> CE	IP20	GEM-V36 <sup>2</sup>	Momentary	SPST Wired N.O.	A	10 A 125-250 VAC 1/2 H.P. 125-250 VAC

<sup>1</sup>Supplied with 6 ft. 18/3 cord and 3 prong series plug. Green lead grounded. <sup>2</sup>Supplied with 6 ft. 18/3 cord without plug. Green lead grounded.  
<sup>3</sup>Supplied with 2 meter 18/3 brown, blue & green/yellow leads.

## EN 60529 Degree of Protection IP20 (IP68 Upon Request)

### Motion Control Device ROCKER ACTION LOW PROFILE DESIGN

#### Materials of Construction:

- Cover is a medium gray Die Cast Zinc material
- Mechanical Interlock—prevents both circuits from being operated at the same time
- Operates on the teeter-totter principle  
Pressure on one side opens or closes line, release of pressure returns switch to normal off position, pressure on other side opens or closes circuit, independent of first

#### Features & Benefits:

- Non-skid Base pad
- Both sides can be wired normally open or normally closed
- All wiring connections are made internally with only a single cord being brought out
- Eliminates costly harness assemblies
- Offers real economy

#### Options:

- Twin, Triple, Quad & Quint versions available
- Heavy gauge steel guard available (See “Accessories - Guards” on pages 94 & 95 for details)
- Twin and Triple version guards available contact Linemaster for details



Size (HxWxD):	1.62 x 4.28 x 4.75 In.
Weight:	1.50 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
c US	IP20	72	Momentary	SPDT Each Side	C	10 A 125-250 VAC
c US	IP20	74	Momentary	DPDT Each Side	C	1/2 H.P. 125-250 VAC

## EN 60529 Degree of Protection IP20

### Motion Control Device

#### ROCKER ACTION COMPACT DESIGN

#### Materials of Construction:

- Steel Housing
- Black finish
- Mechanical Interlock—prevents both circuits from being operated at the same time
- Operates on the teeter-totter principle  
Pressure on one side opens or closes line, release of pressure returns switch to normal off position, pressure on other side opens or closes circuit, independent of first

#### Features & Benefits:

- Non-skid Base pad
- Both sides can be wired normally open or normally closed
- All wiring connections are made internally with only a single cord being brought out
- Eliminates costly harness assemblies
- Offers real economy


#### Options:

- Twin version available
- Multiple cable entry locations available
- Mounting provisions can be added
- Custom labeling
- Splash resistant interior switch available



Size (HxWxD):	1.21 x 2.75 x 5.00 In.
Weight:	10 oz.

*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
	IP20	L-2-S	Momentary	SPDT Each Side	C	10 A 125-250 VAC 1/2 H.P. 125-250 VAC



**EN 60529 Degree of Protection IP20**  
**UL available on Special Orders**

**Motion Control Device**  
**HEAL-TO-TOE ROCKER ACTION DESIGN**

**Materials of Construction:**

- Die cast Aluminum housing
- Black finish
- Mechanical Interlock—prevents both circuits from being operated at the same time
- Operates on the teeter-totter principle  
 Pressure on one side opens or closes line, release of pressure returns switch to normal off position, pressure on other side opens or closes circuit, independent of first



**Features & Benefits:**

- Non-skid Base pad
- Housing is pivoted in the center for easy heal-toe operation
- Both sides can be wired normally open or normally closed
- All wiring connections are made internally with only a single cord being brought out
- Adjustable strain relief connector that accommodates a wide range of cable sizes
- Eliminates costly harness assemblies
- Offers real economy

**Options:**

- DPDT Available on Special Orders
- Available with UL approval

Size (HxWxD):	2.09 x 3.50 x 8.31 In.
Weight:	1.75 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
N/A	IP20	476-S	Momentary	SPDT Each Side	C	15 A 125-250 VAC 1/2 H.P. 125-250 VAC