

HERCULES HEAVY DUTY FOOT SWITCH

NEMA 2, 4, & 13

Painted Alert Orange. 9 X 5-3/4 x 4-3/4 --- 8 lbs.

3/4 - 14 N.P.T. threaded conduit entry.

UL listed, CSA Certified

NOTES:

"S" in part number denotes Momentary contact

- press to start - release to stop.

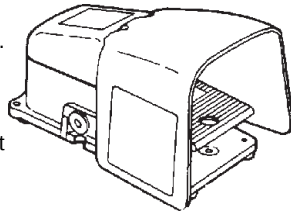
"D" denotes Maintained contact

- press to start - press latch to stop.

"O" denotes oversize O-shield models which accept oversized safety shoes and metatarsal foot guards.

On models 575-DWHA & 575-DWHA 1st stage is maintained, 2nd & 3rd stage is momentary.

On models 511-B2, B2O, B2G, B4, B4O, & B4G, one pole has an adjustable actuating mechanism that permits make or break of one pole before the other.



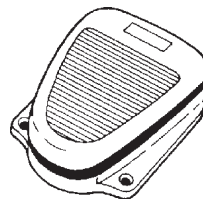
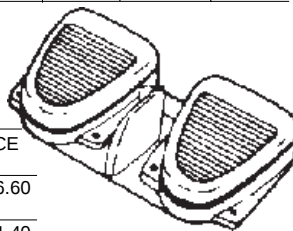
STAGE	CIRCUIT	ELECTRICAL RATINGS	FULL SHIELD	PRICE	"O" SHIELD	PRICE	WITHOUT GUARD	PRICE
Single	SPDT		531-SWH	\$74.70	531-SWHO	\$87.25	531-SWN	\$65.85
Single	SPDT	20A, 125-	571-DWH	92.65				
Single	DPDT	250VAC	532-SWH	89.75	532-SWHO	102.10		
Single	DPDT	1HP, 125-	572-DWH	107.65	572-DWHO	120.20		
Single	TPDT	250VAC	573-DWH	119.95	573-DWHO	132.50		
Two	SPDT	Heavy Pilot	534-SWH	101.45	534-SWHO	113.90	534-SWN	101.45
Two	SPDT	Duty 250VAC	574-DWH	119.25	574-DWHO	131.85		
Three	SPDT		575-DWHA	130.10	575-DWHA	142.55		
Single	SPDT DB	15A, 125-250VAC 1/2HP	536-SWH	84.90	536-SWHO	97.50	536-SWN	76.20
Single	SPDT DB	125VAC 1HP	576-DWH	102.95				
Single	DPDT DB	250VAC	537-SWH	106.60	537-SWHO	119.15		
Two	SPDT DB	Heavy Pilot Duty 250VAC	538-SWH	118.75	538-SWHO	131.25		
Single	SPDT	10A, 125VDC-VAC	541-SWH	97.50				
Models below feature an antitrip mechanism that helps prevent accidental actuation through unintentional stepping on foot treadle.							WITH GATE	
Single	SPDT	20A, 125-250 VAC, 1 HP,	511-B	112.15	511-BO	125.05	511-BG	137.80
Single	DPDT	125-250VAC	511-B2	121.80	511-B2O	134.60	511-B2G	147.50
Two	SPDT	Heavy Pilot Duty 250 VAC	511-B2A	132.75	511-B2OA	145.80		
Single	SPDT DB	15A, 125-250VAC 1/2HP	511-B3	122.10	511-B3O	134.90		
Single	DPDT DB	125VAC 1HP	511-B4	139.85			511-B4G	165.50
		250VAC Heavy Pilot Duty 250VAC						

CLIPPER

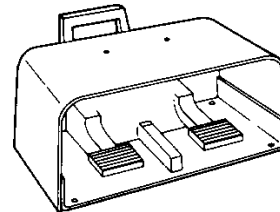
UL Listed - CSA Certified

All Classic Switches Listed are Momentary action

ELECTRICAL RATINGS	CIRCUIT	TYPE	CATALOG NUMBER	PRICE
20A 125-250 VAC	SPDT	Momentary	632-S	\$26.60
1HP 125-250 VAC				
15A 125-250 VAC	SPST	Momentary	632-SC3	41.40
3/4HP 125 VAC	N.O.			
20A 125-250VAC 1HP 250VAC	SPDT DB	Momentary	633-S	42.05
15A 125VAC	DPDT	Momentary	635-S	36.50
10A 250VAC	Each Stage	Two Stage	636-S	41.70
1/2HP 125-250VAC	SPDT	Momentary		
20A 125-250 VAC 1HP 125-250 VAC	SPDT	Maintained	632-D	48.90
10A 125VAC 5A 250VAC	DPDT	Maintained	634-D	51.15
20A 125-250 VAC 1HP 125-250 VAC	Each Side SPDT	Momentary	TWIN 632-S	63.65
15A 125VAC 10A 250VAC	Each Side DPDT	Momentary	TWIN 635-S	82.35
1/2HP 125-250VAC				
10A 125-250 VAC	SPDT	Momentary	638-S	41.55
1/2HP 125-250VAC				
20A 125-250 VAC 1HP 125-250 VAC	SPDT	Momentary	832-S	20.40



EXPLOSION PROOF FOOT SWITCH



500 Series Class I Division I

Group D, Class II Division I

Group F & G, NEMA type 7D

& 9F, IP40

600 Series Class I Division I

Group D, Class II Division I

Group F & G NEMA type 2, 3,

4, 6, 13, 7D & 9F.

UL enclosure 2, 3, 4, 13, 7 &

9, IP67. Meets IEC 601-2-2

ELECTRICAL RATINGS	CIRCUIT	CATALOG NUMBER	PRICE
15A 125VAC, 10A 250VAC, 3/4HP 125VAC, 1HP 250 VAC, Heavy Pilot Duty Momentary Contact	SPDT	592-EX	\$300.80
	Each Pedal SPDT	607-EX (Two Pedal)	426.20

CLASSIC FOOT SWITCHES

CLASSIC III

NEMA Type 2, 4, 6 & 13, UL

Enclosure 2, 4, 6 & 13, CSA

Enclosure 2, 4, 6 & 13, IP67,

Meets IEC 601-2-2

Driptight - Dusttight - Watertight

- Oiltight

CLASSIC II

NEMA Type 2, 4 & 13, UL

Enclosure 2, 4 & 13, CSA

Enclosure 2, 4 & 13, IP56

Driptight - Dusttight - Watertight

- Oiltight

CLASSIC

Conforms to IP20

CLASSIC VARIABLE CONTROLLER

Designed for control of small fractional horsepower

Universal AC/DC motors

All Classic Switches Listed are Momentary action

ELECTRICAL RATINGS	CIRCUIT	TYPE	CATALOG NUMBER	PRICE
CLASSIC III				
20A 125-250 VAC	DPDT	Guarded	88SH2	\$114.25
1HP 125-250 VAC,	SPDT	Guarded	TWIN 88SH1	207.45
Heavy Pilot Duty	DPDT	Guarded	TWIN 88SH2	260.55
250VAC	DPDT	No Guard	88SN2	102.80
CLASSIC II				
20A 125-250 VAC	SPDT	Guarded	78SH1	60.75
1HP 125-250 VAC	SPDT	No Guard	78SN1	55.70
Heavy Pilot Duty 250VAC				
CLASSIC				
15A 125-250VAC	SPDT	No Guard	77SN1	25.70
1/2HP 125-250VAC				
VARIABLE CONTROLLER				
6A 125 VAC	Adj. trim Potentiometer	No Guard 6ft 18/3 Cordset	77SN7A	61.10

NAUTILUS

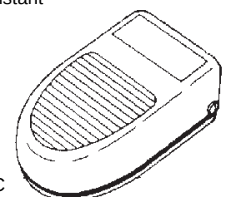
Dusttight, Watertight, Oiltight, Rust Resistant

Cast aluminum housing, painted gray.

8 x 4 x 1-1/4 -- 2-1/2 lbs.

Catalog # WP-541-SC, SPDT, Momentary, 20 A ,125-250 VAC \$159.05 ea

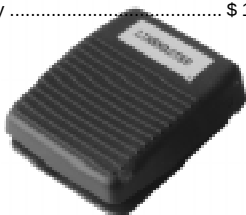
Catalog # WP-541DC, SPDT, Maintained, 12 A 125 VAC, 6A 250VAC \$159.05 ea



AQUILINE - Made of tough reinforced polymeric material -- won't rust or corrode. 15A, 125-250 VAC - 1/2 HP, 125-250 VAC

Catalog # 972-S, Two Stage Momentary, Each Stage SPDT \$ 15.75 ea
Catalog # 974-S, DPDT, Momentary \$ 14.95 ea

NEW



TREADLITE II - Formed steel housing, painted black.

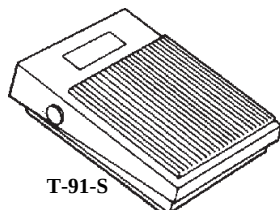
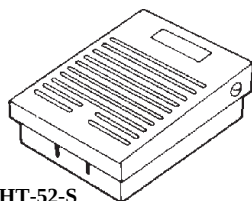
3-1/2 x 2-5/8 x 1 -- 7oz.

ELECTRICAL RATINGS	CIRCUIT	STYLE	CATALOG NUMBER	PRICE
15A 125-250VAC	SPDT	Momentary	T-91-S	\$ 8.70
1/2HP 125-250VAC		Maintained	T-91-D	13.50
10A 125-250VAC	SPDT - NO	Momentary	T-91-SC36	13.60
1/2HP 125-250VAC				
10A 125VAC	SPDT - NO	Maintained	T-91-DC3	18.60
1/2HP 125VAC				
3A 30VAC Max Class 2 Circuits	SPST - NO	Momentary	T-91-PS	20.00

HI-TREADLITE Formed steel housing, painted black.

3-1/2 x 2-1/2 x 1-1/2 -- 10oz.

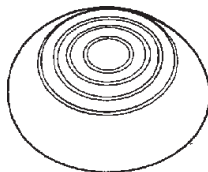
ELECTRICAL RATINGS	CIRCUIT	STYLE	CATALOG NUMBER	PRICE
20A 125-250VAC	SPDT	Momentary	HT-52-S	\$ 16.20
1HP 125-250VAC				
10A 125VAC	DPDT	Momentary	HT-54-S	27.55
5A 250VAC				



GEM IP20 - Die cast housing. Chrome plated.

3-13/16 x 1-7/32 -- 1-1/2lbs, Supplied with 6 ft. 18/3 cord.

GEM - K Model is enclosed in protective vinyl cover
NEMA type 2 UL Enclosure 2, Driptight - Dusttight

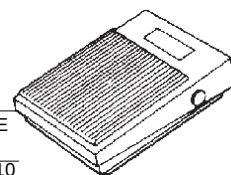


ELECTRICAL RATINGS	CIRCUIT	STYLE	CATALOG NUMBER	PRICE
7A 125-250VAC	SPST - NO	Momentary	GEM-36	\$ 25.40
1/6HP 125VAC		Momentary	GEM-K36	35.55

EUROPEAN

European type foot switches are prewired with three conductor cordsets. Treadlite II Series, all models momentary action.

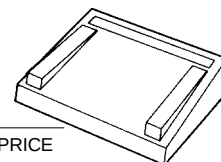
ELECTRICAL RATINGS	CIRCUIT	CATALOG NUMBER	PRICE
10A 125-250VAC	SPST - NO Momentary	T-91-SCEA	\$ 15.10
16A 125-250VAC		T-91-SCE	16.10
1/2HP 125-250VAC	SPDT	T-91-SE	9.00



DELUXE II

A multi-pedal foot switch featuring good looks and economy

All models listed are momentary action.



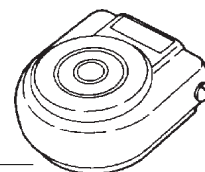
ELECTRICAL RATINGS	CIRCUIT	STYLE	CATALOG NUMBER	PRICE
10A 125-250VAC	SPDT	2 Pedal	68-S2	\$ 40.65
1/2HP 125-250VAC	SPDT	3 Pedal	68-S3	49.15
	DPDT	2 Pedal	68-S4N	51.95

COMPACT

IP20

Formed steel housing, painted black.

2-7/8 x 2-1/2 x 1-1/8 -- 7oz



ELECTRICAL RATINGS	CIRCUIT	STYLE	CATALOG NUMBER	PRICE
10A 125-250VAC	SPDT	Momentary	491-S	\$ 12.45
1/2HP 125-250VAC				
7A 125VAC	SPST	Maintained	491-DC3	27.15
10A 125VAC		Momentary	491-SC3	25.95
1/2HP 125VAC	SPDT - NO	Momentary	491-SC36	22.55
10A 125-250VAC				
1/2HP 125-250VAC	SPDT	Momentary	492-S	13.10
20A 125-250VAC				
1HP 125-250VAC				

LEKTRO-LOK IP20 -- Mechanical Interlock prevents both

circuits from being operated at the same time. 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. Size: 5" x 2-1/2" x 1-1/4".

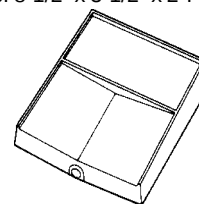
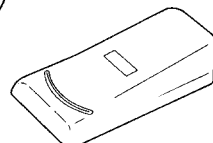
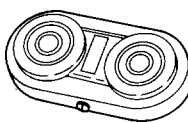
EXECUTIVE IP20 -- Mechanical Interlock prevents both circuits

from being operated at the same time. The operating principle is the same as that described for the Lektro-Lok switch above.

Size: 4-5/8" x 4 x 1-1/2".

DUPLEX IP20 -- Mechanical Interlock prevents both circuits from

being operated at the same time. The cast aluminum housing is pivoted in the center for easy heel-toe operation. Size: 8-1/2" x 3-1/2" x 2".



ELECTRICAL RATINGS	CIRCUIT	STYLE	CATALOG NUMBER	PRICE
10A 125-250VAC	EachSide SPDT	Momentary	L-2-S	\$ 25.60
1/2HP 125-250VAC				
10A 125VAC	EachSide DPDT	Momentary	L-4-S	46.75
5A 250VAC				
10A 125-250VAC	EachSide SPDT	Momentary	72	29.00
1/2HP 125-250VAC				
15A 125-250VAC	EachSide SPDT	Momentary	476-S	47.20
1/2HP 125-250VAC				

HERCULES POTENTIOMETER

FOOT CONTROL

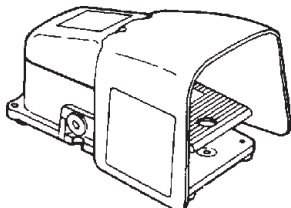
NEMA Type 2, 4, & 13

Driptight - Dusttight - Watertight - Oiltight

Designed for use with variable speed motor drives and is available in selected 2 watt linear values. Specify the maximum resistance you want from the table below. A SPDT auxiliary switch contact rated at 15A 125-250VAC can be added to the control. The switch will operate at the beginning of the treadle stroke. On special order up to 3 SPDT switches can be added and adjusted for operation at any point of the treadle stroke.

RESISTANCE TABLE

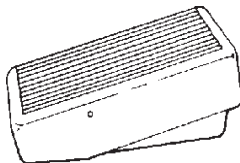
OHMS		MEGOHMS	
100	2000	10000	.1 1.0
250	2500	15000	.15 5.0
500	3500	20000	.50
1000	5000	25000	.75
1500	7500	50000	



Description	Catalog Number	Price
All models are momentary action. Specify maximum resistance as a suffix to part number. (See Resistance Table)		
Full Shield	500-H	\$150.20
Full Shield - Auxiliary Contact	500-AH	161.40
No Guard - Auxiliary Contact	500-AN	152.00

VARIOR POTENTIOMETER

Designed as a low cost foot control where a non-watertight housing is suitable. Specify maximum resistance value as a suffix to part number. (See Resistance Table above).



Description	Catalog Number	Price
Both models are momentary action. Specify maximum resistance as a suffix to part number. (See Resistance Table)		
6 ft. 18/4 cordset without plug	09ASXP	\$ 62.35
6 ft. 18/6 cordset without plug, with auxiliary switch set to operate at the beginning of treadle stroke and wired NO.	09ASAC	74.15

CLIPPER AirVal

Cast Iron housing, painted black.
4-1/2 x 3-1/2 x 1-1/2 -- 2-1/2lbs.

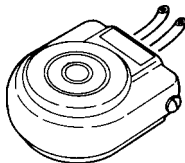
WARNING: Compressed air is powerful - always use care. Maximum line pressure up to 150 PSI.



Type	Air Flow at 100PSI	Exhaust at 100PSI	Operating Force	Ports 1/8-27 N.P.T.	Catalog Number	Price
2-Way	30 CFM	None	10 lbs	Inside Housing	2C-30A2-S	\$ 46.10
3-Way	30 CFM	25 CFM	10 lbs	Inside Housing	3C-30A2-S	46.10
4-Way	30 CFM	25 CFM	19 lbs	Exposed	4C-30F2-S	70.90

COMPACT AirVal

Low Cost Air Valve
Strong Steel Housing
Nonskid Base Pad
Easy to Connect Air Lines
Size: 2-7/8" x 2-1/2" x 1-1/8"
Weight: 1/2 pound

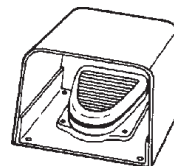


Type	Air Flow at 100PSI	Exhaust at 100PSI	Operating Force	Ports 1/8-27 N.P.T.	Catalog Number	Price
2-Way	30 CFM	None	7 lbs	Exposed	2B-30A2-S	\$ 36.80
3-Way	30 CFM	25 CFM	7 lbs	Exposed	3B-30A2-S	36.80

FULL GUARDS

Catalog # 522-B14 Complete with hardware instructions and predrilled to accept most single Clipper, Compact and Classic Electric foot switches and AirVals 6 x 6 x 4-1/2 -- 4 lbs. \$20.65 ea

Catalog# 522-B12 , Complete with hardware etc.
to accept TWIN Clipper models. 11 x 6 x 4-1/2 -- 7lbs.....\$34.75 ea



REPLACEMENT INTERIORS

SWITCH FAMILY & MODEL	REPLACEMENT INTERIOR CATALOG NUMBER
Hercules: 511 B & B2	534-SS
Hercules: 511 B & B4	534-UL
Hercules: 531, 532, 534, 571, 572, 573, 574, 575	534-SS
Hercules: 536, 537, 538, 576	534-U6
Clipper: 632-S, 632-SC3, TWIN 632-S, 832-S	536-Q
Clipper: 633-S, 643-S	534-S
Clipper: 635-S, 636-S, TWIN 635-S	533-F3 (use 2 switches)
Clipper: 632-D	533-MA
Clipper: 634-D	533-QA
Clipper: 638-S	522-AI8
Explosion Proof: 592 & 607	534-SS
Classic: 88S series SPDT models	536-Q
Classic: 88S series DPDT models	536-Q for bottom position
	534-SS for top position
Classic: 78S series	534-SS
Classic: 77SN1	514-N3
Nautilus: WP-541-SC	18-526-H
Nautilus: WP-541-DC	526-EE
Treadlite: T-91 Series	515-M
Treadlite: HT-52-S	536-Q
Treadlite: HT-54-S	516-M
GEM: GEM-36	515-M-1
GEM: GEM-K36	Not field repairable
Deluxe II: 68-S Series	533-F3
Compact: 491-S, 491-SC3, 491-SC36	LSC-229
Compact: 491-DC3	965-M
Compact: 492-S	534-R
Lektro-lok: L-2-S	LSC-229
Lektro-lok: L-4-S	49-475-P3 Cord end
	516-M Opposite end
Executive: 72	514-N3
Duplex: 476-S	LSC-229
Clipper AirVal: 2C-30A2-S	2-30A2-SI
Clipper AirVal: 3C-30A2-S	3-30A2-SI
Clipper AirVal: 4C-30F2-S	4-30F2-SI
Compact AirVal: 2B-30A2-S	2-30A2-SI
Compact AirVal: 3B-30A2-S	3-30A2-SI