

# Euclid™ Power Limit Switches

Price List 4220 • May 2010, Replaces July 2009

# 4220

Discount Code ES

## AC Power Limit Switches (w/o Weight and Cable)

Limit Switch Type	With "EBA" <sup>1</sup>	Continuous Current Amps	Size	MAX HP at 220 VAC	MAX HP at 440-550 VAC	Right Hand Operator	Left Hand Operator	List Price
2 Pole Simplex (2 N.C.)	No	45	2	20	40	71221-005 <sup>2</sup>	81221-005	\$5,387
		90	3	40	75	72531-005 <sup>2</sup>	81231-005	\$6,010 <sup>3</sup>
		135	4	60	125	71241-004	81241-004	\$10,376
		270	5	100	200	71251-003	81251-003	\$16,708
		540	6	200	400	71261-008	81261-008	\$20,525
	Yes	45	2	20	40	71221-033	81221-033	\$6,899
		90	3	40	75	72531-033	81231-033	\$7,522 <sup>3</sup>
		135	4	60	125	71241-033	81241-033	\$11,888
270		5	100	200	71251-033	81251-033	\$18,220	
4 Pole Duplex (4 N.C.)	No	2 x 45	2	2 x 20	2 x 40	71221-301		\$12,002
		2 x 90	3	2 x 40	2 x 75	72531-301		\$13,249 <sup>3</sup>
		2 x 135	4	2 x 60	2 x 125	71241-302		\$23,606
		2 x 270	5	2 x 100	2 x 200	71251-302		\$36,590
		2 x 540	6	2 x 200	2 x 400	71261-304		\$73,880
	Yes	2 x 45	2	2 x 20	2 x 40	Consult Factory <sup>3</sup>		
		2 x 90	3	2 x 40	2 x 75			
		2 x 135	4	2 x 60	2 x 125			
2 x 270		5	2 x 100	2 x 200				
2 Pole (2 NO/NC)	No	45	2	15	20	71221-001	81221-001	\$5,727
3 Pole (3 N.C.)	No	135	4	60	125	71241-010	81241-010	\$13,532
		270	5	100	200	71251-010	81251-010	\$20,299

### Weight and Cable (Use for both AC and DC Switches)

Size	Simplex				Duplex			
	2 and 3	4	5	6 & 6A	2 and 3	4	5	6 & 6A
Part Number 71197-	001	002	003	004	102	003	004	105
List Price	\$416	\$529	\$983	\$1,210	\$529	\$983	\$1,210	\$2,155

<sup>1</sup> "EBA" Early Break Auxiliary (D.P.D.T.)

<sup>2</sup> Factory Setting

<sup>3</sup> Not CSA Listed

Consult factory for NEMA Size 6 ratings and availability.

**DC Power Limit Switches (w/o Weight and Cable)**

Limit Switch Type	With "EBA" <sup>1</sup>	Voltage	Continuous Current Amp	Size	MAX HP at rated VDC	Right Hand Operator	Left Hand Operator	List Price
2 Pole Simplex (2 N.O./N.C.)	No	230 VDC	45	2	13 <sup>3</sup>	71221-001 <sup>2</sup>	81221-001	\$5,727
			90	3	26 <sup>3</sup>	72531-001 <sup>2</sup>	81231-001	\$6,936 <sup>4</sup>
			135	4	50	71241-001 <sup>2</sup>	81241-001	\$11,208
			270	5	110 <sup>3</sup>	71251-001 <sup>2</sup>	81251-001	\$18,881
			540	6	225 <sup>3</sup>	71261-001	81261-001	\$37,460
			720	6A	265	71261-003	81261-003	\$51,862
		550 VDC	13.6	2	10	71221-xxx	81221-xxx	\$5,727
			43	3	25	72531-xxx	81231-xxx	\$6,936 <sup>4</sup>
			83	4	50	71241-xxx	81241-xxx	\$11,208
			164	5	100	71251-xxx	81251-xxx	\$18,881
	Yes	230 VDC	330	6	200	71261-xxx	81261-xxx	\$37,460
			45	2	13 <sup>3</sup>	71221-032	81221-032	\$7,239
			90	3	26 <sup>3</sup>	72531-032	81231-032	\$8,448 <sup>4</sup>
			135	4	50 <sup>3</sup>	71241-032	81241-032	\$12,720
		550 VDC	270	5	110 <sup>3</sup>	71251-032	81251-032	\$20,393
			540	6	225 <sup>3</sup>	71261-032	81261-032	\$38,972
			13.6	2	10	71221-031	81221-031	\$7,239
			43	3	25	72531-031	81231-031	\$8,354 <sup>4</sup>
4 Pole Duplex (4 N.O./N.C.)	No	230 VDC	2 x 45	2	2 x 13 <sup>3</sup>	Consult Factory		\$12,682
			2 x 90	3	2 x 26 <sup>3</sup>	Consult Factory		\$15,101 <sup>4</sup>
			2 x 135	4	2 x 50	71241-301		\$25,288
			2 x 270	5	2 x 110 <sup>3</sup>	71251-301		\$40,937
			2 x 540	6	2 x 225 <sup>3</sup>	71261-301		\$77,528
			2 x 720	6A	2 x 265	71261-302		\$96,806
		550 VDC	2 x 13.6	2	2 x 10	Consult Factory		\$12,682
			2 x 43	3	2 x 25	Consult Factory		\$15,101 <sup>4</sup>
			2 x 83	4	2 x 50	Consult Factory		\$25,288
			2 x 164	5	2 x 100	Consult Factory		\$40,937
			2 x 330	6	2 x 200	Consult Factory		\$77,528

See front page for weight and cables.

<sup>1</sup> "EBA" Early Break Auxiliary (D.P.D.T.). See Page 3 for description.

<sup>2</sup> Factory Stock

<sup>3</sup> These sizes exceed NEMA Standard Ratings

<sup>4</sup> Not CSA Listed

See page 3 for Limit Switch Resistors.

Prices are subject to change without notice.

**Type 3003 DC Limit Switches Resistors**

230-250 VDC, T.E.N.V. Enclosed

For Use with Dynamic Lowering Hoists

HP Range	Part Number	List Price
5 – 10	69453-069	\$882
11 – 13.5	69453-070	\$1,191
14 – 26	69453-071	\$1,191
27 – 33	69453-072	\$1,455
34 – 45	69453-073	\$1,455
46 – 65	69453-074	\$1,455
66 – 100	69453-075	\$1,588
101 – 135	69453-076	\$1,808
136 – 200	69453-077	\$2,514
201 – 265	69453-078	\$2,999

How to Order Specify the Follow:	
A	Limit Switch Part Number and description
B	Weight and cable part number (if required)
C	Voltage and Horsepower
D	Modifications
E	Power Limit Switch resistor (DC Only), part number and H.P.

**Note:** Duplex DC Power Limit Switches require two sets of L.S. Resistors.

**MODIFICATIONS**

Description	List Price
Conduit Box:	
Size 2 & 3	\$1,134
Size 4 & 5	\$1,512
Size 6 & 6A	\$2,268
SPDT Control Circuit Interlock (Not EBA)	\$756
NEMA 4 Watertight Construction	\$8,694
NEMA 7 Class 1 Grps: C or D, Div 1 or 2 Explosion-Proof Construction	\$9,450

**“EBA” Early Break Auxiliary Application Note**

Euclid “EBA” power limit switches are designed for special use with crane hoists that are controlled with AC variable frequency or DC adjustable voltage. The switches are furnished with a double pole double throw auxiliary which operates prior to the power contacts, thus providing a signal to turn off the drive before motor power interruption.

Refer to PL1201 for List Prices

**DC Power Limit Switch Contact Kits**

Limit Switch Size	Type	Contact Kit Part Number
2	COPPER	59670-001
3	SILVER	59670-002
4	COPPER	59670-003
4 (optional)	SILVER	59670-004
5	COPPER	59670-005
5 (optional)	SILVER	59670-006
6	COPPER	59670-007
6A	SILVER	59670-008

DC Contact Kits consist of:

- 4 Stationary Contacts
- 4 Fingers with Springs
- Hardware

**AC Power Limit Switch Contact Kits**

Limit Switch Size	Type	Number Poles	Contact Kit Part Number
2	COPPER	2	59671-101
3	SILVER	2	59671-102
4	COPPER	2	59671-103
4 (optional)	SILVER	2	59671-104
5	COPPER	2	59671-105
5 (optional)	SILVER	2	59671-106
6	COPPER	2	59671-107
6 (optional)	SILVER	2	59671-108
2	COPPER	3	59671-109
3	SILVER	3	59671-110
4	COPPER	3	59671-111
4 (optional)	SILVER	3	59671-112
5	COPPER	3	59671-113
5 (optional)	SILVER	3	59671-114

AC Contact Kits consist of:

- 2 or 3 Stationary Contacts
- 2 or 3 Fingers with Springs
- Hardware

**AC and DC Limit Switch Arc Shields  
(One Required Per Pole)**

Limit Switch Size	Arc Shield Part Number
2 & 3	36242-000
4	42562-000
5	42563-000
6 & 6A	32496-000

AC Limit Switches require 2 or 3 Arc Shields

DC Limit Switches require 2 Arc Shields

