

Euclid™ Power Limit Switches

Price List 4220 • May 2013, Replaces Aug 2012

4220

Discount Code ES

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

Limit Switch Type	With "EBA" ¹	Continuous Current Amps	Size	MAX HP at 220 VAC	MAX HP at 440-550 VAC	Right Hand Operator Part No.	Left Hand Operator Part No.	List Price
2 Pole Simplex (2 N.C.)	No	45	2	20	40	HC71221-005 ²	HC81221-005	\$5,387
		90	3	40	75	HC72531-005 ²	HC81231-005	\$6,010 ³
		135	4	50	100	HC71241-005	HC81241-005	\$10,376
		270	5	100	200	HC71251-003	HC81251-003	\$16,708
		540	6	200	400	HC71261-008	HC81261-008	\$37,913
	Yes	45	2	20	40	HC71221-033	HC81221-033	\$6,899
		90	3	40	75	HC72531-033	HC81231-033	\$7,522 ³
		135	4	50	100	HC71241-033	HC81241-033	\$11,888
		270	5	100	200	HC71251-033	HC81251-033	\$18,220
		540	6	200	400	HC71261-033	HC81261-033	\$39,425
4 Pole Duplex (4 N.C.)	No	2 x 45	2	2 x 20	2 x 40	HC71221-301		\$12,002
		2 x 90	3	2 x 40	2 x 75	HC72531-301		\$13,249 ³
		2 x 135	4	2 x 50	2 x 100	HC71241-302		\$23,606
		2 x 270	5	2 x 100	2 x 200	HC71251-302		\$36,590
		2 x 540	6	2 x 200	2 x 400	HC71261-304		\$73,880
	Yes	2 x 45	2	2 x 20	2 x 40	HC71221-304		\$15,026
		2 x 90	3	2 x 40	2 x 75	HC71531-303		\$16,273
		2 x 135	4	2 x 50	2 x 100	HC71241-305		\$26,630
		2 x 270	5	2 x 100	2 x 200	Consult Factory ³		\$39,614
		2 x 540	6	2 x 200	2 x 400			\$76,904
2 Pole (2 NO/NC)	No	45	2	15	20	HC71221-001	HC81221-001	\$5,727
3 Pole (3 N.C.)	No	135	4	50	100	HC71241-010	HC81241-010	\$13,532
		270	5	100	200	HC71251-010	HC81251-010	\$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 HC71197-	001	002	003	004	102	003	004	105
List Price	\$416	\$529	\$983	\$1,210	\$529	\$983	\$1,210	\$2,155

¹ "EBA" Early Break Auxiliary (D.P.D.T.)

² Factory Setting

³ 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" ¹	Voltage	Continuous Current Amp	Size	MAX HP at rated VDC	Right Hand Operator Part No.	Left Hand Operator Part No.	List Price
2 Pole Simplex (2 N.O./N.C.)	No	230 VDC	45	2	13 ³	HC71221-001 ²	HC81221-001	\$5,727
			90	3	26 ³	HC72531-001 ²	HC81231-001	\$6,936 ⁴
			135	4	50	HC71241-001 ²	HC81241-001	\$11,208
			270	5	110 ³	HC71251-001 ²	HC81251-001	\$18,881
			540	6	225 ³	HC71261-001	HC81261-001	\$47,710
			720	6A	265	HC71261-003	HC81261-003	\$51,862
		550 VDC	13.6	2	10	HC71221-xxx	HC81221-xxx	\$5,727
			43	3	25	HC72531-xxx	HC81231-xxx	\$6,936 ⁴
			83	4	50	HC71241-xxx	HC81241-xxx	\$11,208
			164	5	100	HC71251-xxx	HC81251-xxx	\$18,881
	Yes	230 VDC	330	6	200	HC71261-xxx	HC81261-xxx	\$47,710
			45	2	13 ³	HC71221-032	HC81221-032	\$7,239
			90	3	26 ³	HC72531-032	HC81231-032	\$8,448 ⁴
			135	4	50 ³	HC71241-032	HC81241-032	\$12,720
		550 VDC	270	5	110 ³	HC71251-032	HC81251-032	\$20,393
			540	6	225 ³	HC71261-032	HC81261-032	\$38,972
			13.6	2	10	HC71221-031	HC81221-031	\$7,239
			43	3	25	HC72531-031	HC81231-031	\$8,354 ⁴
4 Pole Duplex (4 N.O./N.C.)	No	230 VDC	2 x 45	2	2 x 13 ³	Consult Factory		\$12,682
			2 x 90	3	2 x 26 ³	Consult Factory		\$15,101 ⁴
			2 x 135	4	2 x 50	HC71241-301		\$25,288
			2 x 270	5	2 x 110 ³	HC71251-301		\$40,937
			2 x 540	6	2 x 225 ³	HC71261-301		\$83,120
			2 x 720	6A	2 x 265	HC71261-302		\$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 ⁴
			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		\$83,120

See front page for weight and cables.

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

² Factory Stock

³ These sizes exceed NEMA Standard Ratings

⁴ 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	HC69453-069	\$882
11 – 13.5	HC69453-070	\$1,191
14 – 26	HC69453-071	\$1,191
27 – 33	HC69453-072	\$1,455
34 – 45	HC69453-073	\$1,455
46 – 65	HC69453-074	\$1,455
66 – 100	HC69453-075	\$1,588
101 – 135	HC69453-076	\$1,808
136 – 200	HC69453-077	\$2,514
201 – 265	HC69453-078	\$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	HC59670-001
3	SILVER	HC59670-002
4	COPPER	HC59670-003
4 (optional)	SILVER	HC59670-004
5	COPPER	HC59670-005
5 (optional)	SILVER	HC59670-006
6	COPPER	HC59670-007
6A	SILVER	HC59670-008

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	HC59671-101
3	SILVER	2	HC59671-102
4	COPPER	2	HC59671-103
4 (optional)	SILVER	2	HC59671-104
5	COPPER	2	HC59671-105
5 (optional)	SILVER	2	HC59671-106
6	COPPER	2	HC59671-107
6 (optional)	SILVER	2	HC59671-108
2	COPPER	3	HC59671-109
3	SILVER	3	HC59671-110
4	COPPER	3	HC59671-111
4 (optional)	SILVER	3	HC59671-112
5	COPPER	3	HC59671-113
5 (optional)	SILVER	3	HC59671-114

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

