E4 - SERIES

SPECIFICATIONS AND ORDERING INFORMATION

2 13/16" DIAMETER 11.0 AMPS @ 28 VDC

The E4 Series was designed to offer maximum power ratings in an electronic open frame switch. Standard construction consists of a 20° index, 2-17 positions, and solder lug terminals.

SPECIFICATIONS

ELECTRICAL

Current and Voltage Rating: Make and break resistive load 11.0 amps @ 28 VDC; 9.0 amps @ 115 VAC.
Current Carrying Capacity: 17 amps.
Dielectric Strength: 3000 VAC between current carrying parts and ground.
Contact Resistance: Average initial 7.0 milliohms.
Insulation Resistance: In excess of 1,000,000 megohms.

Hardware: Mounting nut and lockwasher are shipped assembled.

MECHANICAL

Materials and Finishes: All parts utilize non-corrosive materials as standard.
Contacts and Collector Rings: Coin silver as standard.
Insulation: Ceramic.
Index: Dual-ball, hill and valley design.
Index Life: 25,000 cycles minimum.
Index Torque: Switches have lowest practical torque consistent with crisp detenting and smooth, reliable operation.
Index Angles: Positive 20° standard.
Index Stops: Adjustable stops standard, fixed or continuous.
Stop Strength: 25 in. lbs. minimum.

STANDARD PART NUMBER

20° INDEXING

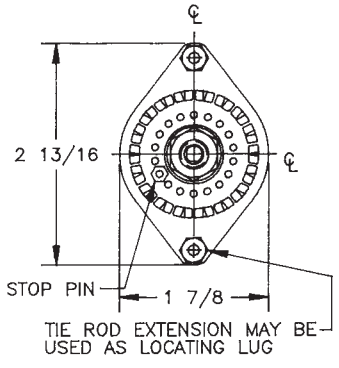
SWITCHES ADJUSTABLE STOPS - SOLDER LUG TERMINALS - STOPS SET @ 2 POS.

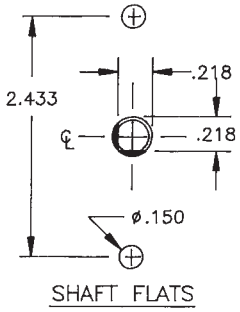
POLES	ACTIVE POSITIONS	POLES/ SECTION	NO. OF SECTIONS	SHORTING	NON-SHORTING	FIG. *
01	02-17	1	1	E4C0117S	E4C0117N	EA
02	02-17	1	2	E4C0217S	E4C0217N	EA
02	02-08	2	1	E4C0208S	E4C0208N	EB
03	02-17	1	3	E4C0317S	E4C0317N	EA
03	02-05	3	1	E4C0305S	E4C0305N	EC
04	02-17	1	4	E4C0417S	E4C0417N	EA
04	02-08	2	2	E4C0408S	E4C0408N	EB
05	02-17	1	5	E4C0517S	E4C0517N	EA
06	02-17	1	6	E4C0617S	E4C0617N	EA
06	02-08	2	3	E4C0608S	E4C0608N	EB
06	02-05	3	2	E4C0605S	E4C0605N	EC
08	02-08	2	4	E4C0808S	E4C0808N	EB
09	02-05	3	3	E4C0905S	E4C0905N	EC
10	02-08	2	5	E4C1008S	E4C1008N	EB
12	02-05	3	4	E4C1205S	E4C1205N	EC
15	02-05	3	5	E4C1505S	E4C1505N	EC

* FIGURES ARE SHOWN ON PAGE 57.

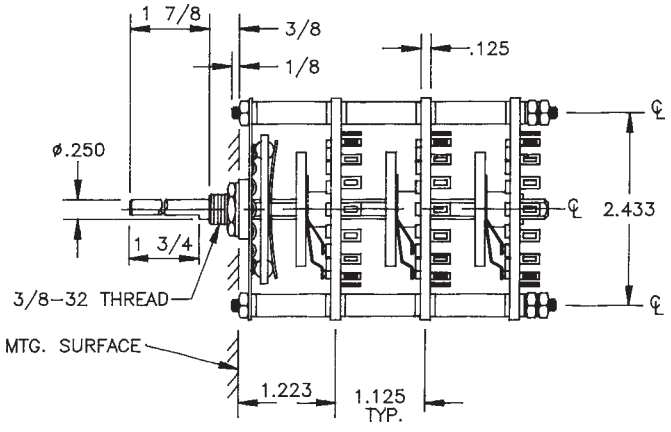
DIMENSIONS

STANDARD CONSTRUCTION





E4C - CERAMIC CONSTRUCTION



ELECTROSWITCH • ELECTRONIC PRODUCTS
UNIT OF ELECTRO SWITCH CORP.
2010 Yonkers Road
Raleigh, NC 27604
Telephone: (888) ROTARYS or (919) 833-0707
Fax: (800) 909-9171 or (919) 833-8016

E4 - SERIES

How to Order Additional Options:

2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	STOP TYPE		
E4	C - CERAMIC	01 - MIN.	17 - MAX @ 20°	S - SHORTING N - NON SHORTING	A - ADJ. F - FIXED C - CONT.	SEE CHART "A"	SEE CHART "B"

CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS

E	4	C						ADDITIONAL OPTIONS		
			(SPECIFY)		(SPECIFY)		(SPECIFY)		(SPECIFY)	(SPECIFY)	(SPECIFY)

SHAFT, BUSHING, AND FLAT OPTIONS

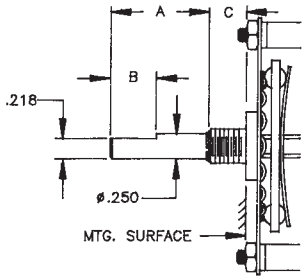


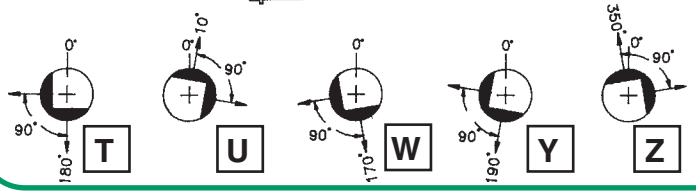
CHART "A"

P/N OPT.	SHAFT LGTH. "A"	FLAT LGTH. "B"	BUSH. LGTH. "C"	
01	3/8	1/4	1/4	
02	3/8	1/4	3/8	
03	1/2	11/32	1/4	
04	1/2	11/32	3/8	
05	3/4	15/32	1/4	
06	3/4	15/32	3/8	
07	1	19/32	1/4	
08	1	19/32	3/8	
09	1 1/2	5/8	1/4	
10	1 1/2	5/8	3/8	
11	1 7/8	5/8	1/4	
12	1 7/8	5/8	3/8	- STD.

CHART "B"

P/N OPT.	FLAT ANGLE	
B	ROUND	
U	10°	
W	170°	
T	180°	- STD.
Y	190°	
Z	350°	

SHAFT AS VIEWED IN EXTREME CCW POSITION AND STRUT BOLTS ORIENTED VERTICALLY.



CUSTOM SWITCHES ARE AVAILABLE. CONTACT THE FACTORY WITH YOUR COMPLETE SPECIFICATIONS.

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Electroswitch:

E4C0217N E4C0305N E4C0605N E4C0208N E4C0117N E4C1505S E4C1505N E4C0317N E4C0417N E4C0117S E4C0608N E4C0517N