

Miniature Rotary Selector Switch

Series

A

Indexing

30°

- 12 Positions
1 Pole per Deck
- 6 Positions
2 Poles per Deck
- 4 Positions
3 Poles per Deck
- 3 Positions
4 Poles per Deck
- 2 Positions
6 Poles per Deck

Designed to meet
or exceed the
requirements of
MIL-S-3786

Same as and
interchangeable
with 1905
series

Switches feature totally enclosed, explosion-proof, unitized construction.

NOTES:

ELECTRICAL RATING: Continuous 10 amps at 28 vdc.
MAKE AND BREAK: 2 amps res. 115 vac
(10,000 CYCLES) 1 amps res. 28 vdc.
.5 amps ind. 28 vdc.

TORQUE: 1 thru 5 decks - 3 in. lbs. max.
6 thru 12 decks - 5 in. lbs. max.

ALTITUDE: to 70,000 feet

TEMPERATURE RANGE: -65°C to +125°C

LENGTH: 1.00 in. max. for 1 deck switch, add
.35 in. max. for each additional deck.

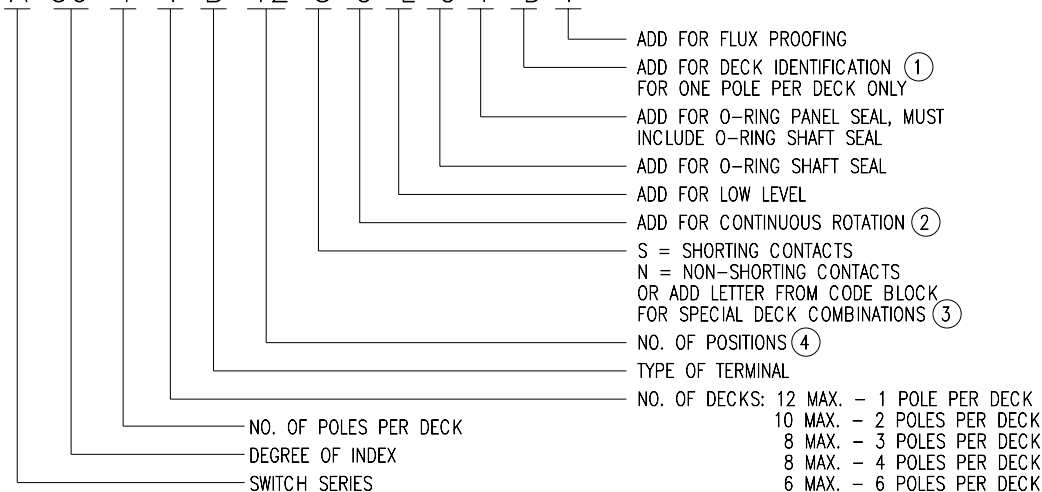
WEIGHT: .12 lb. max. for 1 deck switch, add
.03 lb. for each additional deck.

- ④ NO. OF POSITIONS: 2-12 1 Pole per deck
2-6 2 Poles per deck
2-4 3 Poles per deck
2-3 4 Poles per deck
2 6 Poles per deck
- ③ NON-SHORTING CONTACTS = Break before make
SHORTING CONTACTS = Make before break
- ② 1 pole per deck, 12 positions, may have stops
or be continuous rotation. All other switches
will have stops.
- ① All multi-pole switches will have common terminals
identified A, B, C, etc. Add letter "D" to P/N Code
for deck identification on single pole construction
switches. Letter to be adjacent to common terminal.

P/N CODE:

HOW TO ORDER

A 30-1-1 B 12 S C L O P D F



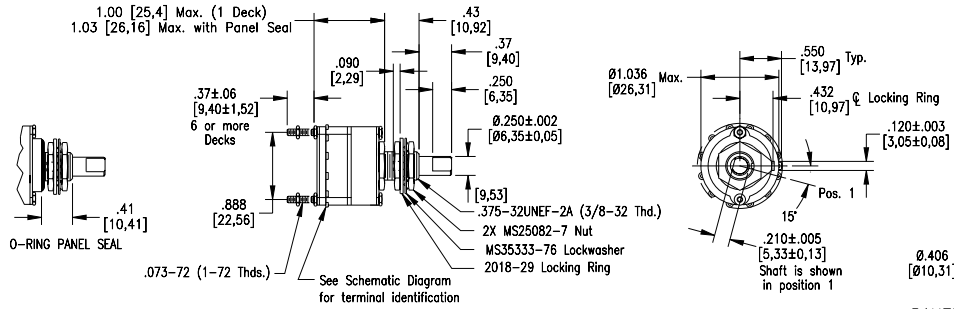
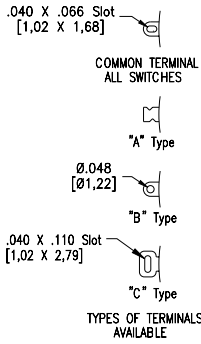
If unable to use standard code, contact factory for UNIQUE PART NO.

3111 Winona Avenue

Burbank, California 91504

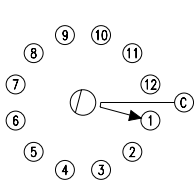
Phone: (818)846-1800

FAX: (818)842-3396

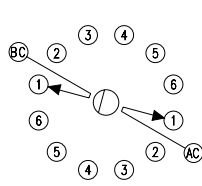


PANEL MOUNTING LAYOUT

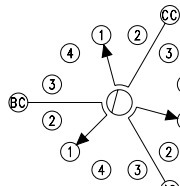
NOTE: DIMENSIONS ARE SHOWN IN INCHES AND [mm].



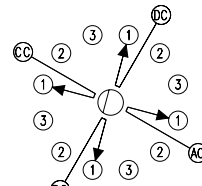
1 POLE PER DECK
2-12 POSITIONS
1 POLE



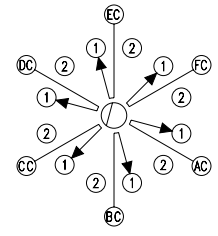
2 POLES PER DECK
2-6 POSITIONS
2 POLES



3 POLES PER DECK
2-4 POSITIONS
3 POLES



4 POLES PER DECK
2-3 POSITIONS
4 POLES



6 POLES PER DECK
2 POSITIONS
6 POLES

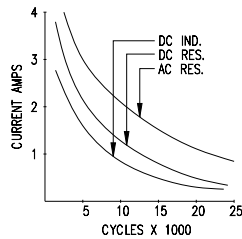
CODE EXAMPLE:
A30-1-8C7G

1 POLE PER DECK,
8 DECKS TOTAL
"C" TYPE TERMINAL
7 POSITIONS WITH STOP,
DECK 1-7 NON-SHORTING
DECK 8 IS SHORTING

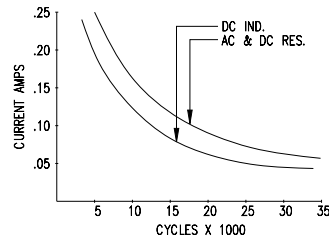
⚠ Indicates deck numbers
Deck 1 next to panel

CONTACT CODE LETTER	CODE BLOCK FOR DECK COMBINATIONS (3)																													
	DECKS NON-SHORTING					DECKS SHORTING					DECKS SHORTING & BRIDGING					DECKS NON-SHORTING & BRIDGING														
DECK NO.	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
A																														
B																														
C																														
D																														
E																														
F																														
G																														
H																														
I																														
J																														
K																														
L																														
M																														
N																														
O																														
P																														
Q																														
R																														
S																														
T																														
U																														
V																														
W																														
X																														
Y																														
Z																														

ONE POLE PER DECK ONLY



Life Expectancy Curve - Standard Ratings
CONTACT RESISTANCE: .005 ohms initially - .020 ohms after life
INSULATION RESISTANCE: 100,000 megohms initially
10,000 megohms after life
DIELECTRIC STRENGTH: 1250 vrms initially - 1000 vrms after life



Life Expectancy curve - Low Level
Janco low level switches are designed to have an initial contact resistance less than .003 ohms and less than .010 ohms during life. If a current rating greater than .250 amp is required use standard rating.