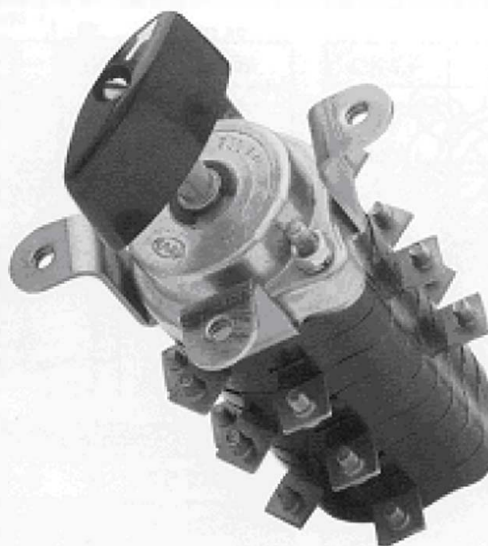


SNAP-ACTION POWER SWITCHES

- 16 AMPERES MAX., 250VDC/250VAC
- CLOSED CONSTRUCTION
- SNAP ACTION
- MULTIPLE POLES
- 1, 2, 3 AND 4-WAY CIRCUITS
- SCREW AND QUICK CONNECT TERMINATIONS
- MIL-S-15291/2 OR MIL-S-15291/3 OPTION AVAILABLE

STANDARD AND CUSTOM ASSEMBLIES FOR
INDUSTRIAL CONTROL APPLICATIONS



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SNAP-ACTION ROTARY SWITCH, 16 AMPERE

General:

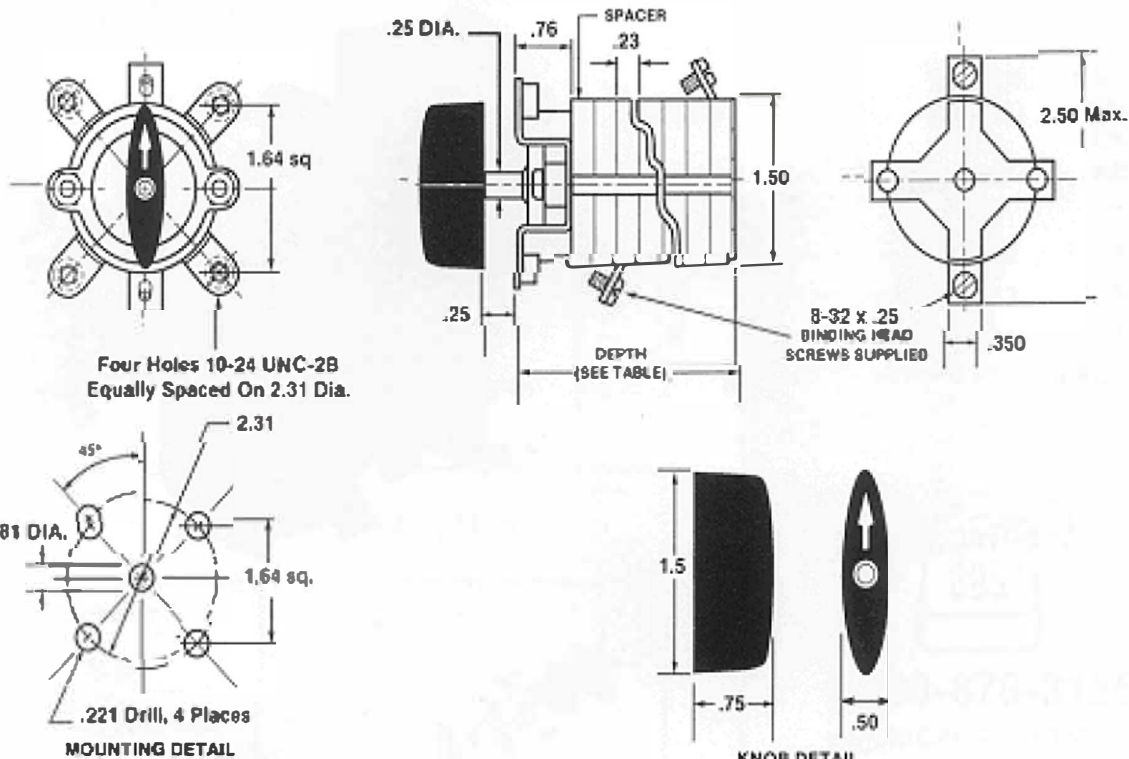
Meets requirements for up to 16 ampere switching of resistive loads to .75 power factor at voltages to 250VAC and 250 VDC resistive loads.

Electrical:

- Voltages: 250V AC, 250V DC
- Current carrying capacity: 20 amperes
- Current switching capacity: Up to 16 amperes
- Dielectric withstanding voltage: 2200V rms, initial
- Contact resistance: 20 milliohms maximum, (4 milliohms average initially)
- Insulation resistance: 200 megohms minimum

Mechanical:

- Poles: 1 to 12, depending on circuit
- Positions: 2, 3, or 4
- Contacts: BBM (break-before-make, non-shorting) or MBB (make-before-break, shorting)
- Indexing: 90° snap-action, less than 5 millisecond transit time
- Rotational life, mechanical: 30,000 operations
- Rotational torque: 4-8 pound inches depending on poles and circuit
- Terminals: screw and quick connect terminations
- Construction: closed



Materials and Finishes:

- Stators: thermoset plastic, UL 94V0
- Rotor contacts: phosphor bronze, dual wiping
- Stationary contacts: copper with integral screw terminal
- Exterior metal: steel, zinc plated with chromate
- Terminal hardware: unplated brass binding head screws
- Knob: black thermoset plastic bar type with pointer

- Approximate Weights
Single pole and section: 3.6 oz.
Additional section: .4 oz.

- Mounting hardware: supplied, 4 each .50 long truss head screws
- Knob: supplied with hardware



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SNAP-ACTION ROTARY SWITCH, 16 AMPERE

CIRCUIT DIAGRAMS (SINGLE POLE SWITCHES SHOWN, SHAFT END)

DESCRIPTION	CKT.A	SINGLE THROW		
	NUMBER OF POSITIONS			
POLES	PART NUMBER			
1	1A 01-4	1A 01-2	1A 01-2A	
2	1A 02-4	1A 02-2	1A 02-2A	
3	1A 03-4	1A 03-2	1A 03-2A	
4	1A 04-4	1A 04-2	1A 04-2A	

DESCRIPTION	CKT.B	DOUBLE THROW		
	NUMBER OF POSITIONS			
POLES	PART NUMBER			
1	1B 01-4	1B 01-2	1B 01-2A	
2	1B 02-4	1B 02-2	1B 02-2A	
3	1B 03-4	1B 03-2	1B 03-2A	
4	1B 04-4	1B 04-2	1B 04-2A	

DESCRIPTION	CKT.C	DOUBLE THROW		
	NUMBER OF POSITIONS			
POLES	PART NUMBER			
1	1C 01-3			
2	1C 02-3			
3	1C 03-3			
4	1C 04-3			

DESCRIPTION	CKT.D	DOUBLE THROW		
	NUMBER OF POSITIONS			
POLES	PART NUMBER			
1	1D 01-4	1D 01-3		
2	1D 02-4	1D 02-3		
3	1D 03-4	1D 03-3		
4	1D 04-4	1D 04-3		

DESCRIPTION	CKT.E	TRIPLE THROW		
	NUMBER OF POSITIONS			
POLES	PART NUMBER			
1	1E 01-4	1E 01-3		
2	1E 02-4	1E 02-3		
3	1E 03-4	1E 03-3		
4	1E 04-4	1E 04-3		

DESCRIPTION	CKT.F	FOUR THROW		
	NUMBER OF POSITIONS			
POLES	PART NUMBER			
1	1F 01-4			
2	1F 02-4			
3	1F 03-4			
4	1F 04-4			

PART NUMBER CODE

SERIES POLES POSITIONS

1 D 03 — 4

CIRCUIT

EXAMPLE: SERIES 1, CIRCUIT D, 3 POLES,
4 POSITIONS
(MAXIMUM POLES: 8)

POLES	DEPTH (INCHES)	TORQUE (LB.-IN.)	WEIGHT (OZ.)
	CKT. ABC/DEF	CKT. ABC/DEF	CKT. ABC/DEF
1	1.30/1.53	7	3.6/4.0
2	1.53/2.00	7	4.0/4.8
3	1.77/2.46	7	4.4/5.5
4	2.00/2.92	7	4.8/6.3

(CONSULT FACTORY FOR > 4 POLES)



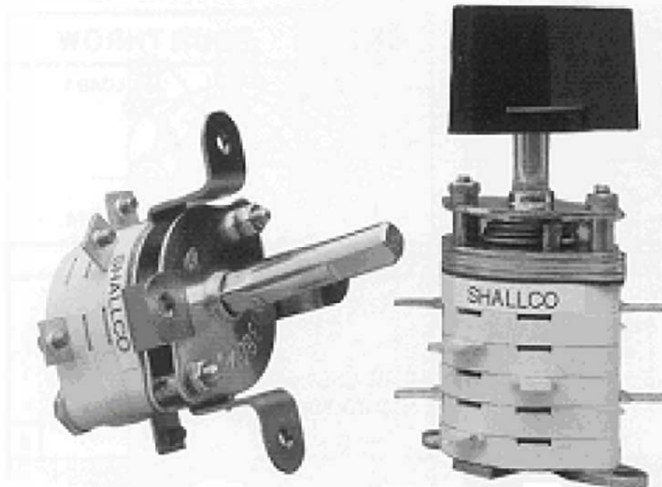
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SPRING—RETURN ROTARY SWITCH, 16 AMPERE

D E S C R I P T I O N	CKT.A	SINGLE THROW	CKT.B	DOUBLE THROW	CKT.F	DOUBLE THROW
	NUMBER OF POSITIONS		NUMBER OF POSITIONS		NUMBER OF POSITIONS	
POLES	PART NUMBER		PART NUMBER		PART NUMBER	
1	1A 01-2 SR		1B 01-2 SR		1C 01-3 SR	
2	1A 02-2 SR		1B 02-2 SR		1C 02-3 SR	
3	1A 03-2 SR		1B 03-2 SR		1C 03-3 SR	
4	1A 04-2 SR		1B 04-2 SR		1C 04-3 SR	

NOTE: SPRING-RETURN SWITCHES ARE DIRECT DRIVE, SPEED OF BLADE ROTATION IS OPERATOR DEPENDENT.



POLES	DEPTH (INCHES) CKT. ABC	TORQUE (LB.-IN.) CKT. A/BC	WEIGHT (OZ.) CKT. ABC
1	1.31	8.5/9	4
2	1.55	10/11.5	4.5
3	1.79	11.5/13	5
4	2.02	13/14.5	5.5
(CONSULT FACTORY FOR > 4 POLES)			