

New

- Double pole on-off switch with I/O markings
- Designed for front/rear snap fit panel mounting
- Particularly suited to equipment with removable front panels
- 3mm contact gap
- Suitable for Class II appliances
- Approvals include **VDE, SEV, DEMKO, SEMKO, NEMKO, SETI, OVE, KEMA-KEUR, UL and CSA.**

Initial inrush current	75A to IEC65	Insulation resistance	>20MΩ
Electrical life	10,000 ops	Contact resistance	<10mΩ
Mechanical life	50,000 ops	Operating temperature	0°C to +85°C

SW139

	Order Code	Price Each			
		1+	25+	100+	250+ 500+
DPST, rear mount	480-344				
DPST, front mount	.481-087				

Sealed – IP68 20(15)A@28Vdc, 8A@240Vac



- Snap in panel mount rocker switches to **IP68**
- 6.35mm Faston terminals
- Cut out 44 x 22mm
- Double pole options in ST, DT, momentary and illuminated
- **UL-Approved**

New

OTTO CONTROLS

Bezel = 25.9 x 48.00, Depth = 48.48 (inc. tabs), Panel Cut Out = 22 x 43, Tab 6.3 x 0.8.

Mfrs. List No.	Rocker	Configuration	Sequence	Order Code
K3AB2AAA	Black	DPST	on-off	351-1947
K3AB2BAA	Black	DPST	on-on	351-1959
K3AB2DAA	Black	DPST	on-mom	351-1960
K3AB2EAA	Black	DPST	mom-off-mom	351-1972
K3AB2ANB-10	Red LED	DPST	on-off	351-1984
K3AB2APB-20	Green LED	DPST	on-off	351-1996
K3AB1BAA00-E3E4992	I/O	DPST	on-off	351-2009

Mechanical life:	100,000 ops	Case/bezel:	Thermoplastic
Electrical life:	25,000 ops	Actuator:	Thermoplastic
Rating:	20(15)A@28Vdc, 8A@240VAC	Contacts:	Silver alloy
Illumination:	12V LED	Terminals:	Brass
Seal:	IP68		
Operating temperature:	-40°C to +85°C		

SW403

	Sequence	Order Code	Price Each		
			1+	25+	50+
DPST	on-off	351-1947			
DPST	on-on	351-1959			
DPST	on-mom	351-1960			
DPST	mom-off-mom	351-1972			
DPST	on-off	351-1984			
DPST	on-off	351-1996			
DPST	on-off	351-2009			
Seal Gasket	on-off	351-2010			

Circular – R13 Series 6A@125Vac, 3A@250Vac



- Snap-in panel mount rocker switches
- Oval bezel
- Scalloped rocker
- Solder lug terminals

New

SHIN CIN

Bezel = 20.5 x 24, Depth = 14 (inc. tabs), panel cut out $\varnothing = 15$ for panel thickness 0.75-3. Solder lug terminal = 2.1 x 0.6mm.

Mechanical life:	100,000 ops	Case/bezel:	Nylon, UL94V-2
Rating:	16A@125VAC, 3A@250VAC	Terminals:	Brass
Operating temperature:	-20°C to +65°C	Contacts:	Silver alloy

SW407

Mfrs. List No.	Button	Order Code	Price Each			
			1+	10+	25+	50+ 100+
Latching						
R13-234A-05	SPST Black	351-2319				
R13-234D-05	SPDT Black	351-2320				
Momentary						
R13-344I-05	SPDT Black	351-2332				

Standard – R13 Series 6A@125Vac, 3A@250Vac

SHIN CIN



- Snap-in panel mount rocker switches
- Circular or square actuator
- 6.35mm Faston terminals
- **UL, CSA, VDE and VDE approved**

Bezel = 30 x 30, Depth = 29.6 (inc. tabs), panel cut out = 26.7 x 22.5 for panel thickness 0.75-1.25. Panel cut out = 26.9 x 22.5 for panel thickness 1.5-2, panel cut out = 27.3 x 22.5 for panel thickness 2-3, tab 6.3 x 0.8.

Mechanical Life:	100,000 ops	Case/bezel:	Nylon, UL94V-2
Illumination:	Neon, 250VAC	Terminals:	Brass
Rating:	16A@28VAC, 10A@250VAC	Contacts:	Silver alloy
Operating temperature:	-20°C to +65°C		

SW408

Mfrs. List No.	Button	Order Code	Price Each			
			1+	10+	25+	50+ 100+
Circular Actuator						
R13-104A-01	DPST Black	351-2253				
R13-104B-01	DPST Red illum	351-2265				
R13-104D-01	DPDT Black	351-2277				
Rectangular Actuator						
R12-105A-01	DPST Black	351-2289				
R13-105B-01	DPST Red illum	351-2290				
R13-105D-01	DPDT Black	351-2307				

Round, Panel Mount - R13 Series 6A @ 250 Vac, 10A @ 125Vac

Arcolectric SWITCHES PLC



- Attractive circular rocker design
- Single pole on-off with I/O marking (non illuminated)
- Red illuminated version available
- Approvals include **VDE, SEV, DEMKO, NEMKO, SETI, UL and CSA**

Maximum working temperature +85°C
R13-112A = 186-764, R13-112B = 186-776

Panel Cut-out = 20.2, Bezel = 23 dia.

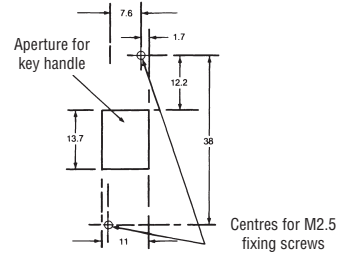
SW362

	Order Code	Price Each			
		1+	100+	250+	500+
Non Illuminated Switch					
SPST Black, I/O	.186-764				
Illuminated					
SPST Red	.186-776				

Miniature Lever Keys

Series 80

PED



- Fine silver twin contacts
 - Manufactured to full **BPO** specification, but with M2.5 fixing holes
 - Handles available separately in three colours
- | | |
|---------------------|-------------------------------------------------------------|
| Contact arrangement | Single or double throw, with 2 or 4 changeovers per throw |
| Contact rating | 0.1A @ 250V dc, 0.3A @ 100V dc/250V ac, 1A @ 12V dc/100V ac |
| Contact pressure | Initially 15 gm min. After 750,000 operations 10gm min |
| Insulation | 1000MΩ at 500V dc |
| Capacitance | 2 to 3pF typ |
| Mechanical life | 750,000 ops |
| Handles | Choice of colours, see below |
| Switch Code | C = Changeover (DT), L = Lock, N = Non-lock, S = Stop |

SW95

Switch Code	Single/Double Throw	Changeovers/Throws	Mfrs. List No.	Order Code	Price Each		
					1+	5+	50+
Locking Only							
2CL/S	Single	2	MLK01	422-101			
4CL/S	Single	4	MLK04	422-113			
2CL/2CL	Double	2	MLK14	422-125			
4CL/4CL	Double	4	MLK10	422-137			
Non-Locking Only							
2CN/S	Single	2	MLK02	422-149			
4CN/S	Single	4	MLK03	422-150			
2CN/2CN	Double	2	MLK15	422-162			
4CN/4CN	Double	4	MLK08	422-174			
Locking and Non-Locking							
2CL/2CN	Double	2	MLK13	422-186			
4CL/4CN	Double	4	MLK09	422-198			
Ordinary Handles							
	Colour				1+	5+	50+
	Black	H1C BLACK		.103-836			
	Ivory	H2C IVORY		.103-841			
	Red	H4C RED		.103-844			