# Ointukis Appliance Parts 

## Service Manual

## Switches

## Section H

## Includes:

Toggle Switches, Rocker Switches, Indicators, Micro Switches and Push Switches

## Arrow Hart

TOGGLE SWITCHES INDUSTRIAL HEAVY DUTY
Hole size: $27 \times 10 \mathrm{~mm}$.


106MKAS
30A OFF-ON D.P.S.T.
Side connecting terminals
Metal Roller Lever
106MS
30A OFF-ON D.P.S.T.
Side connecting terminals Moulded On Off Lever 107PS
20A ON-ON S.P. 2 Circuit Side connecting terminals Plain moulded Lever

## 79 Series

Hole size: 12 mm diameter.


79043BT
4A OFF-ON S.P.S.T.
Standard Lever Spade 6.3mm 79043G
4A OFF-ON S.P.S.T.
Long Lever Spade 6.3 mm
79047BT
4A OFF-ON S.P.S.T.
Standard Lever Screw
79047G
4A OFF-ON S.P.S.T.
Long Lever Screw
80 Series
Hole size: 12.3 mm diameter.


## 80421

20A OFF-ON D.P.S.T. Screw

Hole size: 12 mm diameter.


80602BT
10A ON-OFF D.P.S.T.
Long Lever Screw
Hole size: 19 mm diameter.


80638
7A ON-OFF-ON D.P.D.T. Screw 81 Series
Hole size: 12 mm diameter.


81047BT
3A OFF-ON S.P.S.T. Screw
81053BT
3A ON-ON S.P.D.T. Screw
81055BT
3A OFF-ON D.P.S.T. Spade

## 81056BT

3A OFF-ON D.P.S.T. Screw 81058BT
3A ON-ON D.P.D.T. Spade 81059BT
3A ON-ON D.P.D.T. Screw

## 93A Series

Hole size: 12 mm diameter.


93A.101A
10A ON-OFF-ON S.P.D.T.
Screw
93A.101B
10A ON-OFF-ON S.P.D.T. Solder

93A.101E
10A ON-OFF-ON S.P.D.T. Spade
93A.102A
10A ON-OFF-ON D.P.D.T.
Screw
93A.102B
10A ON-OFF-ON D.P.D.T.
Solder
93A.102E
10A ON-OFF-ON D.P.D.T. Spade
93A.105A
10A ON-OFF-ON S.P. 2-Circuit
Screw
93A.105E
10A ON-OFF-ON S.P. 2-Circuit Spade
93A.106A
10A ON-OFF-ON (REV.)
D.P.(REV.) Screw

93A.106E
10A ON-OFF-ON (REV.)
D.P.(REV.) Spade

93A.111A
10A OFF-ON (A)-ON(A\&B) S.P.
2-Circuit collective Screw
93A.111E
10A OFF-ON (A)-ON(A\&B) S.P.
2-Circuit collective Spade
93A.116A
10A ON-OFF-ON T.P.D.T. Screw 93A.116B
10A ON-OFF-ON T.P.D.T. Solder
93A.116E
10A ON-OFF-ON T.P.D.T. Spade
93A.120A
10A ON-OFF-ON F.P.D.T. Screw
93A.120E
10A ON-OFF-ON F.P.D.T. Spade 93A.121A
10A ON(A)-ON(B)-ON(C) S.P.
3-Circuit selective Screw
93A.121E
10A ON(A)-ON(B)-ON(C) S.P.
3-Circuit Spade
93A.122A
10A ON(A)-ON(A\&B)-ON(B)
S.P. 2-Circuit
collective/selective Screw
93A.123A
10A OFF-ON (A)-ON(B) S.P.
2-Circuit selective Screw

93A. 123E
10A OFF-ON (A)-ON(B) S.P.
2-Circuit selective Spade
93A.129B
10A ON-ON selective Circuit
Solder
93A.129E
10A ON-ON selective Circuit
Spade
93A.17101A
10A ON-OFF-ON S.P.D.T.
Screw
93A.17101E
10A ON-OFF-ON S.P.D.T.
Spade
93A. 17123
10A OFF-ON (A)-ON(B) S.P.
2-Circuit collective A17 Lever
93A. 17206
10A ON (A)OFF-ON(B)
BIAS ONE WAY DP REV
93A. 17301
10A ON-OFF-ON
BIAS BOTH WAYS S.P.D.T.
93A.17402E
10A ON-ON D.P.D.T. A17 Lever Spade
93A.17403A
10A OFF-ON S.P.D.T. A17 Lever Screw
93A. 19403A
10A OFF-ON S.P.S.T. A19 Lever Screw
93A. 19403E
10A OFF-ON S.P.S.T. A19 Lever Spade
93A.19404A
10A OFF-ON D.P.S.T. A19 Lever Screw
93A.19404E
10A OFF-ON D.P.S.T. A19 Lever Spade
93A.201A
10A MOM. ON-OFF-ON
S.P.D.T. 3 position Screw 93A.201B
10A MOM. ON-OFF-ON
S.P.D.T. 3 position Solder 93A.201E
10A MOM. ON-OFF-ON
S.P.D.T. 3 position Spade

93A.202A
10A MOM. ON-OFF-ON
D.P.D.T. Screw

93A.202B
10A MOM. ON-OFF-ON
D.P.D.T. Solder

93A.202E
10A MOM. ON-OFF-ON
D.P.D.T. Spade

93A.205A
10A MOM. ON(A)-OFF-ON(B)
S.P.S.T. 2 -Circuit Screw

93A.205E
10A MOM. ON(A)-OFF-ON(B)
S.P.S.T. 2 -Circuit Spade

93A.206A
10A MOM. ON-OFF-ON(REV.)
D.P. (REV.) Screw

93A.206E
10A MOM. ON-OFF-ON(REV.)
D.P. (REV.) Spade

93A.216A
10A ON-OFF-MOM. ON T.P.D.T. Screw
93A.220A
10A ON-OFF-MOM. ON F.P.D.T. Screw

93A.225E
10A OFF-ON (A)-MOM
ON(A\&B) S.P. 2-Circuit Spade
93A.301A
10A MOM. ON-OFF-MOM. ON
S.P.D.T. 3 pos. Screw

93A.301B
10A MOM. ON-OFF-MOM. ON S.P.D.T. 3 pos. Solder

93A.301E
10A MOM. ON-OFF-MOM. ON
S.P.D.T. 3 pos. Spade

93A.302A
10A MOM. ON-OFF-MOM. ON D.P.D.T. Screw

93A.302B
10A MOM. ON-OFF-MOM. ON
D.P.D.T. Solder

93A.302E
10A MOM. ON-OFF-MOM. ON D.P.D.T. Spade

93A.305A
10A MOM. ON(A)-OFF-MOM. ON(B) S.P. 2-Circuit Screw

93A.305B
10A MOM. ON(A)-OFF-MOM. ON(B) S.P. 2-Circuit Solder

93A.305E
10A MOM. ON(A)-OFF-MOM. ON(B) S.P. 2-Circuit Spade 93A.306A
10A MOM. ON-OFF-MOM. ON(REV.) D.P. (REV.) Screw 93A.306E 10A MOM. ON-OFF-MOM. ON(REV.) D.P. (REV.) Spade

93A.316A
10A MOM. ON-OFF-MOM. ON T.P.D.T. Screw

93A.320A
10A MOM. ON-OFF-MOM. ON F.P.D.T. Screw

93A.401A
10A ON-ON S.P.D.T. Screw
93A.401B
10A ON-ON S.P.D.T. Solder
93A.401E
10A ON-ON S.P.D.T. Spade
93A.402A
10A ON-ON D.P.D.T. Screw 93A.402B
10A ON-ON D.P.D.T. Solder
93A.402E
10A ON-ON D.P.D.T. Spade
93A.403A
10A OFF-ON S.P.S.T. Screw
93A.403B
10A OFF-ON S.P.S.T. Solder
93A.403E
10A OFF-ON S.P.S.T. Spade
93A.404A
10A OFF-ON D.P.S.T. Screw
93A.404B
10A OFF-ON D.P.S.T. Solder
93A.404E
10A OFF-ON D.P.S.T. Spade
93A.405A
10A ON (A)- ON(B) S.P.
2-Circuit Screw
93A.406A
10A ON-ON(REV.) D.P. (REV.)
Screw
93A.406E
10A ON-ON(REV.) D.P. (REV.) Spade

93A.413A
10A OFF-ON T.P.S.T. Screw 93A.416A
10A ON-ON T.P.D.T. Screw 93A.416E
10A ON-ON T.P.D.T. Spade 93A.417A
10A OFF-ON F.P.S.T. Screw 93A.420A
10A ON-ON F.P.D.T. Screw 93A.420B
10A ON-ON F.P.D.T. Solder
93A.501A
10A MOM.ON-ON S.P.D.T. Screw
93A.501B
10A MOM.ON-ON S.P.D.T.
Solder
93A.501E
10A MOM.ON-ON S.P.D.T.
Spade
93A.502A
10A MOM.ON-ON D.P.D.T.
Screw
93A.502B
10A MOM.ON-ON D.P.D.T.
Solder
93A.502E
10A MOM.ON-ON D.P.D.T.
Spade
93A.505A
10A ON (A)-MOM. ON(B) S.P.
2-Circuit Screw
93A.505B
10A ON (A)-MOM. ON(B) S.P.
2-Circuit Solder
93A.505E
10A ON (A)-MOM. ON(B) S.P.
2-Circuit Spade
93A.506A
10A MOM.ON-ON (REV.) D.P.
(REV.) Screw
93A.506E
10A MOM.ON-ON (REV.) D.P.
(REV.) Spade
93A.507A
10A OFF-MOM.ON S.P.D.T.
Screw
93A.507B
10A OFF-MOM.ON S.P.D.T.
Solder

93A.507E
10A OFF-MOM.ON S.P.D.T. Spade
93A.508A
10A MOM.OFF-ON S.P.S.T. Screw
93A.508B
10A MOM.OFF-ON S.P.S.T. Solder
93A.508E
10A MOM.OFF-ON S.P.S.T. Spade
93A.509A
10A OFF-MOM.ON D.P.S.T.
Screw
93A.509E
10A OFF-MOM.ON D.P.S.T. Spade
93A.510A
10A MOM.OFF-ON D.P.S.T.
Screw
93A.510B
10A MOM.OFF-ON D.P.S.T.
Solder
93A.510E
10A MOM.OFF-ON D.P.S.T.
Spade
93A.518A
10A MOM.OFF-ON F.P.S.T.
Screw
93A.520A
10A MOM.ON-ON F.P.D.T.
Screw

93FM Series
Hole size: 12 mm diameter.


93FM.101A
10A ON-OFF-ON S.P.D.T. Screw
93FM.101E
10A ON-OFF-ON S.P.D.T. Spade 93FM.102A
10A ON-OFF-ON D.P.D.T. Screw
93FM.102E
10A ON-OFF-ON D.P.D.T. Spade 93FM.202A
10A ON-OFF-MOM.ON D.P.D.T. Screw
93FM.202E
10A ON-OFF-MOM.ON D.P.D.T. Spade
93FM.302A
10A MOM.ON-OFF-MOM.ON
D.P.D.T. Screw

93FM.302E
10A MOM.ON-OFF-MOM.ON
D.P.D.T. Spade

93FM.401A
10A ON-ON S.P.D.T. Screw
93FM.401E
10A ON-ON S.P.D.T. Spade
93FM.402A
10A ON-ON D.P.D.T. Screw
93FM.402E
10A ON-ON D.P.D.T. Spade
93FM.403A
10A OFF-ON S.P.S.T. Screw
93FM.403B
10A OFF-ON S.P.S.T. Solder
93FM.403E
10A OFF-ON S.P.S.T. Spade

93FM.404A
10A OFF-ON D.P.S.T. Screw
93FM.404E
10A OFF-ON D.P.S.T. Spade
93XA Series
Hole size: 12 mm diameter.


93XA.401E
15A ON-ON S.P.D.T.
Spade 6.3 mm
93XA.402E
15A ON-ON D.P.D.T.
Spade 6.3mm
93XA.403E
15A OFF-ON S.P.S.T.
Spade 6.3 mm
93XA.404E
15A OFF-ON D.P.S.T.
Spade 6.3 mm
ROCKERS
HILITE Series
Hole size: $27.3 \times 12.2 \mathrm{~mm}$.


1000113E
10A ON-OFF Red S.P.S.T.
"HILITE" Spade 6.3 mm

1000114E
10A ON-OFF Green S.P.S.T.
"HILITE" Spade 6.3 mm
1000223E
10A ON-OFF Red S.P.S.T.
"HILITE" Spade 6.3 mm
1001113B
10A MOM.ON-OFF Red S.P.S.T. "HILITE" Solder

## 1600 Series

Hole size: $27.3 \times 12.2 \mathrm{~mm}$.


1600-11E
16A OFF-ON S.P.S.T.
Black Spade
1600-22E
16A OFF-ON S.P.S.T.
White Spade
1600-A21E
16A OFF-ON S.P.S.T.
Amber Black Spade
1600-R12E
16A OFF-ON S.P.S.T.
Red White Spade
1600-R21E
16A OFF-ON S.P.S.T.
Red Black Spade
1600-R22E
16A OFF-ON S.P.S.T.
Red White Spade
1601-11E
16A MOM.OFF-ON S.P.S.T.
Black Spade
1601-22E
16A MOM.OFF-ON ON S.P.S.T.
White Spade
1602-11E
16A ON-ON S.P.D.T.
Black Spade

1602-12E
16A ON-ON S.P.D.T.
Black Spade
1602-22E
16A ON-ON S.P.D.T.
White Spade
1603-11E
16A MOM. ON-ON S.P.D.T.
Black Spade
1603-22E
16A MOM. ON-ON S.P.D.T.
White Spade
1604-11E
16A ON-OFF-ON S.P.D.T.
Black Spade
1604-22E
16A ON-OFF-ON S.P.D.T.
White Spade
1605-22E
16A OFF-MOM. ON S.P.S.T.
White Spade
1606-11E
6A MOM. ON-OFF-MOM. ON
S.P.D.T. Black Spade

1606-22E
6A MOM. ON-OFF-MOM. ON
S.P.D.T. White Spade

1607-11E
6A ON-OFF-MOM. ON S.P.D.T.
Black Spade

## 2600 Series

Hole size: $27.3 \times 22.2 \mathrm{~mm}$.


2600-11E
16A OFF-ON D.P.S.T.
Black Spade
2600-12E
16A OFF-ON D.P.S.T.
Black Spade
2600-22E
16A OFF-ON D.P.S.T.
White Spade

2600-G21E
16A OFF-ON D.P.S.T.
Green Black Spade
2600-R21E
16A OFF-ON D.P.S.T.
Red Black Spade
2600-A21E
16A OFF-ON D.P.S.T.
Amber Black Spade
2601-11E
16A MOM. OFF-ON D.P.S.T.
Black Spade
2601-22E
16A MOM. OFF-ON D.P.S.T.
White Spade
2602-11E
16A ON-ON D.P.D.T.
Black Spade
2602-21E
16A ON-ON D.P.D.T.
White Spade
2602-22E
16A ON-ON D.P.D.T.
White Spade
2603-11E
16A MOM. ON-ON D.P.D.T.
Black Spade
2603-22E
16A MOM. ON-ON D.P.D.T.
White Spade
2604-11E
16A ON-OFF-ON D.P.D.T.
Black Spade
2604-22E
16A ON-OFF-ON D.P.D.T.
White Spade
2605-11E
16A OFF-MOM. ON D.P.S.T.
Black Spade
2606-11E
6A MOM. ON-OFF MOM. ON
D.P.D.T. Black Spade

2606-22E
6A MOM. ON-OFF MOM. ON
D.P.D.T. White Spade

## 93P Series

Hole size: $38.1 \times 20.7 \mathrm{~mm}$.


93P.101.11A 10A ON-OFF-ON S.P.D.T.
Black Screw
93P.101.11B
10A ON-OFF-ON S.P.D.T. Black Solder
93P.101.11E
10A ON-OFF-ON S.P.D.T. Black Spade
93P.101.22A
10A ON-OFF-ON S.P.D.T.
White Screw
93P.101.22E
10A ON-OFF-ON S.P.D.T. White Spade
93P.102.11A
10A ON-OFF-ON D.P.D.T.
Black Screw
93P.102.11B
10A ON-OFF-ON D.P.D.T.
Black Solder
93P.102.11E
10A ON-OFF-ON D.P.D.T.
Black Spade
93P.102.12E
10A ON-OFF-ON D.P.D.T.
White Spade
93P.102.21E
10A ON-OFF-ON D.P.D.T.
Black Spade
93P.102.22A
10A ON-OFF-ON D.P.D.T.
White Screw
93P.102.22B
10A ON-OFF-ON D.P.D.T. White Solder

93P.102.22E
10A ON-OFF-ON D.P.D.T.
White Spade
93P.111.11A
10A OFF-ON(A)-ON(A\&B) S.P.
2-Circuit Collective Black Screw
93P.111.11E
10A OFF-ON(A)-ON(A\&B) S.P.
2-Circuit Collective Black Spade
93P.111.21E
10A OFF-ON(A)-ON(A\&B) S.P.
2-Circuit Collective Black Spade
93P.111.22A
10A OFF-ON(A)-ON(A\&B) S.P.
2-Circuit Collective White Screw
93P.111.22E
10A OFF-ON(A)-ON(A\&B) S.P. 2-Circuit Collective White Spade 93P.121.11A
10A ON(A)-ON(B)-ON(C) S.P.
3-Circuit Selective Black Screw
93P.121.11E
10A ON(A)-ON(B)-ON(C) S.P.
3-Circuit Selective Black Spade
93P.121.22A
10A ON(A)-ON(B)-ON(C) S.P.
3-Circuit Selective White Screw
93P.121.22E
10A ON(A)-ON(B)-ON(C) S.P.
3-Circuit Selective White Spade
93P.122.11E
10A ON(A)-ON(B)-ON(C) S.P.
3-Circuit Selective Black Spade
93P.123.11A
10A OFF-ON(A)-ON(B) S.P.
2-Circuit Selective Black Screw
93P.123.11E
10A OFF-ON(A)-ON(B) S.P.
2-Circuit Selective Black Spade
93P.123.22A
10A OFF-ON(A)-ON(B) S.P.
2-Circuit Selective White Screw
93P.123.22E
10A OFF-ON(A)-ON(B) S.P.
2-Circuit Selective White Spade 93P.125.11A
10A SERIES - PARALLEL
SERIES/PARALLEL Black Screw
93P.125.11E
10A SERIES - PARALLEL
SERIES/PARALLEL Black Spade

93P.125.22A
10A SERIES - PARALLEL
SERIES/PARALLEL White Screw
93P.125.22E
10A SERIES - PARALLEL
SERIES/PARALLEL White Spade 93P.202.11A
10A MOM. ON-OFF-ON D.P.D.T. Black Screw
93P.202.11E
10A MOM. ON-OFF-ON D.P.D.T.
Black Spade
93P.202.22A
10A MOM. ON-OFF-ON D.P.D.T. White Screw
93P.202.22E
10A MOM. ON-OFF-ON D.P.D.T. White Spade
93P.302.11A
10A MOM. ON-OFF-MOM. ON
D.P.D.T. Black Screw

93P.302.11E
10A MOM. ON-OFF-MOM. ON
D.P.D.T. Black Spade

93P.302.12E
10A MOM. ON-OFF-MOM. ON
D.P.D.T. White Screw

93P.302.22A
10A MOM. ON-OFF-MOM. ON
D.P.D.T. White Screw

93P.302.22E
10A MOM. ON-OFF-MOM. ON
D.P.D.T. White Spade

93P.401.11A
10A OFF-ON S.P.D.T.
Black Screw
93P.401.11B
10A OFF-ON S.P.D.T.
Black Solder
93P.401.11E
10A OFF-ON S.P.D.T.
Black Spade
93P.401.22A
10A OFF-ON S.P.D.T.
White Screw
93P.401.22E
10A OFF-ON S.P.D.T.
White Spade
93P.402.11A
10A ON-ON D.P.D.T.
Black Screw

93P.402.11E
10A ON-ON D.P.D.T.
Black Spade
93P.402.12A
10A ON-ON D.P.D.T.
White Screw
93P.402.21E
10A ON-ON D.P.D.T.
Black Spade
93P.402.22A
10A ON-ON D.P.D.T.
White Screw
93P.402.22E
10A ON-ON D.P.D.T.
White Spade
93P.403.11A
10A OFF-ON S.P.S.T.
Black Screw
93P.403.11E
10A OFF-ON S.P.S.T.
Black Spade
93P.403.12E
10A OFF-ON S.P.S.T.
White Spade
93P.403.22A
10A OFF-ON S.P.S.T.
White Screw
93P.403.22E
10A OFF-ON S.P.S.T.
White Spade
93P.404.11A
10A OFF-ON D.P.S.T.
Black Screw
93P.404.11E
10A OFF-ON D.P.S.T.
Black Spade
93P.404.22A
10A OFF-ON D.P.S.T.
White Screw
93P.404.22E
10A OFF-ON D.P.S.T.
White Spade
93P.502.11A
10A ON-MOM. ON D.P.D.T.
Black Screw
93P.502.11E
10A ON-MOM. ON D.P.D.T.
Black Spade
93P.502.22A
10A ON-MOM. ON D.P.D.T. White Screw

93P.502.22E
10A ON-MOM. ON D.P.D.T. White Spade
93P.507.11A
10A OFF-MOM. ON S.P.S.T. Black Screw
93P.507.11E
10A OFF-MOM. ON S.P.S.T. Black Spade
93P.507.22A
10A OFF-MOM. ON S.P.S.T.
White Screw
93P.507.22E
10A OFF-MOM. ON S.P.S.T. White Spade
93P.508.11A
10A MOM. OFF-ON S.P.S.T.
Black Screw
93P.508.11E
10A MOM. OFF-ON S.P.S.T.
Black Spade
93P.508.22A
10A MOM. OFF-ON S.P.S.T. White Screw
93P.508.22E
10A MOM. OFF-ON S.P.S.T.
White Spade
93P.509.11A
10A OFF-MOM. ON D.P.S.T. Black Screw
93P.509.11E
10A OFF-MOM. ON D.P.S.T.
Black Spade
93P.509.22A
10A OFF-MOM. ON D.P.S.T.
White Screw
93P.509.22E
10A OFF-MOM. ON D.P.S.T.
White Spade
93P.510.11A
10A MOM. OFF-ON D.P.S.T.
Black Screw
93P.510.11E
10A MOM. OFF-ON D.P.S.T.
Black Spade
93P.510.22A
10A MOM. OFF-ON D.P.S.T.
White Screw
93P.510.22E
10A MOM. OFF-ON D.P.S.T.
White Spade

93PNA.4041A
10A OFF-ON D.P.S.T.
Amber Illuminated Black
Screw
93PNG.4031A
10A OFF-ON S.P.S.T.
Green Illuminated Black Screw
93PNG.4031E
10A OFF-ON S.P.S.T.
Green Illuminated Black
Spade
93PNG.4032A
10A OFF-ON S.P.S.T.
Green Illuminated White
Screw
93PNG.4032E
10A OFF-ON S.P.S.T.
Green Illuminated White
Spade
93PNG.4041A
10A OFF-ON D.P.S.T.
Green Illuminated Black Screw
93PNG.4041E
10A OFF-ON D.P.S.T.
Green Illuminated Black Spade
93PNG.4042A
10A OFF-ON D.P.S.T.
Green Illuminated White Screw
93PNG.4042E
10A OFF-ON D.P.S.T.
Green Illuminated White
Spade
93PNR.4011A
10A ON-ON S.P.S.T.
Red Illuminated Black Screw 93PNR.4021A
10A ON-ON D.P.D.T.
Red Illuminated Black Screw
93PNR.4031E
10A OFF-ON S.P.S.T.
Red Illuminated Black Spade 93PNR.4032A
10A OFF-ON S.P.S.T.
Red Illuminated White Screw
93PNR.4032E
10A OFF-ON S.P.S.T.
Red Illuminated White Spade
93PNR.4041A

10A OFF-ON D.P.S.T.
Red Illuminated Black Screw 93PNR.4041E
10A OFF-ON D.P.D.T.
Red Illuminated Black Spade
93PNR.4042A
10A OFF-ON D.P.S.T.
Red Illuminated White Screw 93PNR.4042E
10A OFF-ON D.P.S.T.
Red Illuminated White Spade 93XP.10211E
15A ON-OFF-ON D.P.D.T.
Black Spade

## SPLASH GUARD Series

Hole size: $27.3 \times 12.2 \mathrm{~mm}$.


B1600.11E
SPLASH GUARD Series 16A S.P.S.T. OFF-ON
Black Spade
Hole size: $27.3 \times 22.2 \mathrm{~mm}$.


B2600.11E
SPLASH GUARD Series 16A D.P.S.T. OFF-ON Black Spade

ELITE (E110/E120) Series ILLUMINATED
Hole size: $19.5 \times 12.9 \mathrm{~mm}$.


## E110M11J

6A OFF-ON S.P.S.T. Black 4.8mm Spade
E110M12B
6A OFF-ON S.P.S.T.
Black Solder
E110M13J
6A OFF-ON S.P.S.T.
Black 4.8 mm Spade
E110M22J
6A OFF-ON S.P.S.T. White 4.8 mm Spade.
E110MR11J
6A OFF-ON S.P.S.T.
Red Illuminated
Black 4.8mm Spade
E110MR21J
6A OFF-ON S.P.S.T.
Red Illuminated
White 4.8 mm Spade
E112M11J
6A ON-ON S.P.D.T.
Black 4.8mm Spade
E114M11J
6A ON-OFF-ON S.P.D.T.
Black 4.8mm Spade
E120M11J
6A ON-OFF D.P.S.T.
Black 4.8mm Spade
E120MA11J
6A ON-OFF D.P.S.T.
Amber Illuminated
Black 4.8mm Spade
E120MG11J
6A ON-OFF D.P.S.T.
Green Illuminated
Black 4.8mm Spade

E120MA21J
6A ON-OFF D.P.S.T.
Amber Illuminated
White 4.8 mm Spade
E120MR11J
6A ON-OFF D.P.S.T.
Red Illuminated Black 4.8mm Spade E120MR21J
6A ON-OFF D.P.S.T.
Red Illuminated White 4.8 mm Spade
E20M \& E30M ELITE Series
Hole size: $19.5 \times 12.9 \mathrm{~mm}$.


## E20M11J

10A OFF-ON S.P.S.T. Black 4.8mm Spade E20M22J
10A OFF-ON S.P.S.T. White 4.8 mm Spade
Hole size: $19.5 \times 12.9 \mathrm{~mm}$.


## E30M11J

10A OFF-ON D.P.S.T.
Black 4.8mm Spade E30M22J
10A OFF-ON D.P.S.T.
White 4.8 mm Spade

## PUSH BUTTON

## 72 Series

Hole size: 12 mm . diameter.


7228K2
10A BIASED OFF, PRESS ON
D.P.S.T. Screw

7228K3
10A BIASED ON, PRESS OFF
D.P.S.T. Screw

7229K2
10A PRESS ON PRESS OFF
D.P.S.T. Screw

## 79 Series

Hole size: 12 mm . diameter.


79143M
4A PRESS ON,PRESS OFF S.P.S.T. Spade 6.3 mm .

79147M
4A PRESS ON,PRESS OFF
S.P.S.T. Screw

81 Series
Hole size: 12 mm . diameter.


81247A
3A BIASED ON PRESS OFF
S.P.S.T. Screw

81247E
3A BIASED OFF PRESS ON
S.P.S.T. Screw

## S30 Series

Hole size: 12 mm . diameter.


S30AE
.25A BIASED OFF, PRESS ON NORM/OPEN S.P.S.T.
Spade 6.3 mm .
S30E
.25A BIASED ON, PRESS OFF NORM/CLOSED S.P.S.T.
Spade 6.3mm.

## S50/S51 Series

Hole size: 19.4 mm . diameter.


S50E
.5A BIASED ON, PRESS OFF NORM/CLOSED S.P.S.T.
Spade 6.3mm.
S51E
.25A BIASED OFF PRESS ON NORM/OPEN S.P.S.T.
Spade 6.3 mm .

## WP Series

Hole size: 12 mm . diameter.


WP32365A
15A BIASED ON, PRESS OFF Screw plunger 20.6 mm .

## MICRO SWITCHES

5000 Series


5001E
10A ON-PRESS OFF-
NORM/CLOSED S.P.S.T.
Spade 6.3mm.
(limited availability.)
5001LE
10A ON-PRESS OFF-
NORM/CLOSED S.P.S.T.
Extended Lever Spade 6.3mm.
5001PBE
10A ON-PRESS OFF-
NORM/CLOSED S.P.S.T.
Push Button Spade 6.3mm.
5002E
10A OFF-PRESS ON-
NORM/OPEN S.P.S.T.
Spade 6.3mm.
5002LE
10A OFF-PRESS ON-
NORM/OPEN S.P.S.T.
Extended Lever Spade 6.3mm.
5002PBE
10A OFF-PRESS ON-
NORM/OPEN S.P.S.T.
Push Button Spade 6.3mm.
AH6006 Series


AH6006
10A BIASED ON, PRESS OFF NC S.P.S.T. Lever Screw

INDICATOR - PILOT 1609 Series
Hole size: $27.3 \times 12.2 \mathrm{~mm}$.


1609-A21E
Amber Black Spade
1609-A22E
Amber White Spade
1609-G21E
Green Black Spade
1609-R21E
Red Black Spade
1609-R22E
Red White Spade

ROTARY SWITCHES 19566 Series


## 19566AGD

35A 3 HEAT 4 POSITION
7.93mm Bushing Length Screw 19566AGD-E
35A 3 HEAT 4 POSITION
7.93 mm Bushing Length Spade

## 64JD Series

Hole size: 11.1 mm diameter.


64JD0004A
D.P. ON-OFF $90^{\circ}$ MOVEMENT 1 LAYER.
64JD0009A
3 Circuit Collective S.P. 2 LAYER.
64JD0011A
3 HEAT S.P. 2 LAYER.
64JD0014A
T.P. ON-OFF $90^{\circ}$ MOVEMENT 2 LAYER.
64JD0034A
2 Circuit Selective S.P. 1 LAYER.
64JD0258A
3 HEAT D.P. 2 LAYER.
64JD7506A
4 POSITION 3 LAYER.
64YD7505B
4 POSITION 2 LAYER.
64YD7509B
4 POSITION 2 LAYER.
65JD8204A
5 POSITION 2 LAYER.
66JD0778B
6 POSITION 1 LAYER.
NB. 16A-250V AC Resistive 10A-380V AC Resistive 7.5A-440V AC Resistive

P64 Series


P640117AB
16A 3 POSITION REVERSING BIASED enclosed
P640117ABU
16A 3 POSITION REVERSING BIASED unenclosed inc. handle

P64P1
ENCLOSURE Suit rotary Switch
TRIGGER SWITCHES


PT2A Series
PT211A11B
10A D.P.S.T. Side mount Lock pin

PT2A21B
10A D.P.S.T. Side mount No pin 863 Series
8632K20
8A 250V D.P.S.T. Side mounting
(Replaces T606A) No pin
8632K21
8A 250V D.P.S.T. Side mounting (Replaces T605A) Lock pin
ACCESSORIES


AH1
INDICATOR NAMEPLATE AH2
INDICATOR NAMEPLATE (Reversed)

AH30N


NUT Slotted sides 19 mm . O.D. Fits 12 mm Thread.

AH7N
 Fits 12 mm Thread.

P6414


POINTER HANDLE Suit rotary switches

P643H


KNOB OFF/LOW/MED/HIGH Suit rotary switches

## Swann

TOGGLE SWITCHES
Swann 475 Series
Hole Size: 12 mm diameter


A1
10A S.P.S.T. ON-OFF Black toggle
A7
10A S.P.D.T. ON-ON Black toggle
A8
10A S.P.S.T. ON-OFF Black toggle
A10
10A S.P.S.T. ON-OFF
Metal toggle
A46
10A S.P.D.T. ON-OFF-ON Black toggle
A53
10A S.P.S.T. ON-OFF Black barrel toggle
A79
10A S.P.S.T. ON-ON
Suits Chef
Beige barrel toggle

Swann 875 Series
Hole Size: 12 mm diameter


## A11

16A D.P.D.T. ON-ON
Metal toggle
A12
16A D.P.D.T. ON-OFF-ON:Black toggle
A61
16A D.P.S.T. ON-OFF Black toggle


S12
13A S.P.S.T. ON-OFF
Metal toggle
S13
13A S.P.S.T. ON-ON
Metal toggle
S14
13A S.P.S.T. ON-OFF-ON Metal toggle


S15
13A D.P.S.T. ON-OFF
Metal toggle
S16
13A D.P.S.T. ON-ON
Metal toggle
S17
13A D.P.S.T. ON-OFF-ON
Metal toggle N.A.W. toggle series

Hole size: 12 mm diameter


TO-11A
10A S.P.S.T. ON-OFF


TO-21
15A D.P.S.T. ON-OFF

## ROCKER SWITCHES

Swann 21 Series
Hole Size: $15.9 \times 13 \mathrm{~mm}$


A33
4A D.P.S.T. ON-OFF


White rocker

## Swann 23 Series

Hole Size: $19.3 \times 13.2 \mathrm{~mm}$


A65
4A S.P.S.T. ON-OFF
Red illuminated rocker

## Swann 38 series

Hole Size: $27.3 \times 12.2 \mathrm{~mm}$


S7
10A S.P.S.T. ON-OFF
Cord pull switch Cord Length: 530 mm

## Swann 39 Series

Hole Size: $27.5 \times 12.2 \mathrm{~mm}$


A52
10A S.P.S.T. ON-OFF
Black rocker

## Swann 40 Series

Hole Size: $27.5 \times 12.2 \mathrm{~mm}$


A2 - OT.
15A S.P.D.T. ON-MOM.ON White rocker with momentary on position used in tumble dryers
A4
15A S.P.D.T. ON-ON Black rocker
A4S
12A S.P.D.T. ON-OFF-ON Black rocker
A67
15A S.P.S.T. ON-OFF $\delta^{\mathbb{\otimes}} /{ }^{8}$. Amber illuminated rocker

Swann 41 Series
Hole Size: $28.4 \times 11.5 \mathrm{~mm}$


A5
15A S.P.S.T. ON-OFF $\Gamma^{8} /$.
Amber illuminated rocker
A6
15A S.P.S.T. ON-OFF $\delta^{8} \sigma$. Red illuminated rocker

## Swann 43 Series

Hole Size: $28.6 \times 14 \mathrm{~mm}$


S10
10A S.P.S.T. ON-OFF $\quad^{\boxed{ } /} /$. Red illuminated rocker

## Swann 50 series

Hole Size: $27.2 \times 22.3 \mathrm{~mm}$


A13
15A D.P.S.T. ON-OFF Black rocker
A14
15A D.P.D.T. ON-ON
Red illuminated rocker


A63
15A D.P.D.T. ON-ON Black rocker
S6
15A D.P.S.T. ON-OFF Red illuminated rocker
S6A
15A D.P.S.T. ON-OFF Amber illuminated rocker

## Swann 51 series

Hole Size: $28.6 \times 22.2 \mathrm{~mm}$


A71
15A D.P.S.T. ON-OFF
Red illuminated rocker

Swann 54 Series
Hole Size: $28.6 \times 25.4 \mathrm{~mm}$


2 Red illuminated rockers

## Swann 70 series

Hole Size: $37.9 \times 12.3 \mathrm{~mm}$


A15
15A S.P.S.T. ON-OFF
Red illuminated rocker
A16
15A S.P.D.T. ON-ON $-\infty$
Black rocker
A50
12A S.P.D.T. ON-OFF-ON •
White rocker
A51
12A S.P.D.T. ON-OFF-ON •-
Rotary arm
A68
12A S.P.D.T. ON-OFF-ON •-
Black rocker
A75
15A S.P.D.T. ON-OFF-ON Black rocker

SWANN 70 A78.


A78
15A S.P.S.T. ON-OFF-ON•••
Red illuminated rocker

## Swann 82 Series

Hole Size: $36.6 \times 21 \mathrm{~mm}$


A18
12A D.P.D.T. ON-OFF-ON
Black rocker
A76
12A D.P.D.T. ON-OFF-ON


White rocker
S1
12A D.P.D.T. ON-OFF-ON


Red illuminated rocker
S2
12A D.P.D.T. ON-ON
Black rocker
S3
12A D.P.D.T. ON-OFF
Amber illuminated

rocker
S4
12A D.P.D.T. ON-OFF


Red illuminated rocker

## PUSH BUTTON SWITCHES

## Swann 42 series

Hole Size: 15 mm diameter


A21
10A D.P.D.T. ON-ON
Swann 61 series


A69
0.25A S.P.S.T. ON-OFF Hole Size: 19 mm diameter Refrigerator door switch.


A70
0.25A S.P.S.T. ON-OFF Hole Size: $22.9 \times 27.5 \mathrm{~mm}$ Refrigerator door switch.

## Swann 661 series

Hole Size: 8.5 mm diameter


A47
1A D.P.S.T. ON-OFF
0 o

## MICRO SWITCHES

Swann 56 Series
Hole size: $3.7 \times 4.5 \times 3.7 \mathrm{~mm}$

dia.
A59
Lid switch
15A S.P.S.T. ON-OFF
Swann 57 Series
Hole size: $3 \times 3.5 \times 3 \mathrm{~mm}$ dia.


## A57

Door switch
15A S.P.D.T. ON-MOM.ON


A58
Motor switch $\quad$ -
15A S.P.D.T. ON-MOM.ON

SELECTOR SWITCH
Swann 46 Series
Hole size: $25 \times 15 \mathrm{~mm}$


## A54

15A S.P.D.T. ON-ON
No lever
INDICATORS
Swann 1200 Series
Hole Size: 12 mm diameter


A26
$0.3 w$ Red Round
Swann 2300 Series
Hole Size: $24 \times 11 \mathrm{~mm}$


A23
0.3w Red Rectangle

Swann 9000 series
Hole size 9.5 mm diameter


A28
0.3w Red Square
${ }^{*}{ }^{\otimes}$

0.3w Red Round

THREADED INDICATORS
Hole size 12 mm diameter


## FUSE HOLDERS



347
Finger release screw in cap.
Hole size: 4.5 mm dia.

Cherry
MINIATURE INTERNATIONAL

## Cherry D4 Series



## Cherry D44 Series

D443-R1AA
10A S.P.D.T. Micro
Button Actuator, 4.8 mm QC terminals.

D443 - R1LD
10A S.P.D.T. Micro
35.5 mm Lever Actuator, 4.8 mm QC terminals.

D443-R1RC
10A S.P.D.T. Micro
34mm Roller Lever, 4.8 mm QC terminals.

D443-V1AA
10A S.P.D.T. Micro
Button Actuator, 6.4 mm QC terminals.

## Cherry D45 Series

D453-R1AA
15A S.P.D.T. Micro
Button Actuator, 4.8 mm QC terminals.

## D453 - R1LD

15A S.P.D.T. Micro 35.5 mm Lever Actuator, 4.8 mm QC terminals.

D453-R1RC
15A S.P.D.T. Micro
34mm Roller Lever,
6.4 mm OC terminals.

D453 - V1LD
15A S.P.D.T. Micro
35.5 mm Lever Actuator, 6.4 mm QC terminals.

D453-V1RC
15A S.P.D.T. Micro
34 mm Roller Lever, 6.4 mm QC terminals.

SUBMINIATUREWATERPROOF Cherry DC Series


DC2C - A1AA
10.1A S.P.D.T.

Sub - Miniature, W/Proof
Button Actuator
SUB - SUBMINIATURE
Cherry DG Series


DG1C - B1AA
S.P.D.T. Sub - Subminiature Lever Actuator 3A
DG1C - B1LA
S.P.D.T. Sub - Subminiature Button Actuator 3A
ULTRA SUBMINIATURE
Cherry DH Series


DH1C - B1AA
S.P.D.T. Ultra Subminiature Button Actuator $50-500 \mathrm{~mA}$.
DH1C - B1PA
S.P.D.T. Ultra Subminiature Lever Actuator $50-500 \mathrm{~mA}$.

GENERAL PURPOSE
Cherry E Series (Single Pole)


E13-OOH
15A S.P.D.T. General purpose Micro Lever Actuator
E13-OOJ
15A S.P.D.T. General purpose Micro Ferrule mount
E13-OOK
15A S.P.D.T. General purpose Micro Button Actuator
E13-39EC
20A S.P.S.T. Button Lid switch
Cherry E Series (Double


Pole)
E19-00A
15A D.P.D.T. General purpose Micro Button Actuator
E19-OOH
15A D.P.D.T. General purpose Micro Lever Actuator
E19-OOK
15A D.P.D.T. General purpose Micro Roller Lever Actuator

HIGH CURRENT PRECISION SWITCH
Cherry E33, E34 \& 36 Series


E33-50KL
10A S.P.D.T. Micro Roller Mini Light Force
E34-40HD
15A S.P.S.T.
Lever Door Switch
E34-72AX
15A S.P.S.T.
Lever Motor Switch
E36-40A
25A S.P.D.T. High Current
Precision Micro
Button Actuator
LOWTORQUE
Cherry E51 Series


E51-00E
6A S.P.D.T. Low Torque Lever Actuator (C.C.W.)

SUBMINIATURE Cherry E62 Series


E62-OOK
10A S.P.D.T.
Subminiature Micro
Roller Lever Actuator
E62 - OOR
10A S.P.D.T.
Subminiature Micro
Lever Actuator
PANEL MOUNT, PUSH BUTTON
Cherry E69 Series


E69-OOA
10A S.P.D.T. $1 / 3 \mathrm{hp}$
Panel mount P/Button Micro
Momentary Action

## WEATHERPROOF

Cherry E70 Series


E72 - 40H
10.1A S.P.D.T. W/Proof

Lever Actuator
(10" Leads attached)

## ACCESSORIES

304
Power point Safety Tester
Will quickly detect the most common power point defects. Simply plug in, switch on and observe the lights.


To assist with your merchandising these display stands are available from all Stokes Stockists:-

## Arrow Hart Display Stand <br> "AHSM" <br> Contains this stock!

| 93A.403A $\times 5$ | 1600.22 E | $\times 5$ |
| :--- | :--- | :--- |
| $93 A .404 A \times 5$ | $2600.11 E$ | $\times 5$ |
| 93A.402A $\times 5$ | $1602.11 E$ | $\times 5$ |
| 93A.101A $\times 5$ | $1604.11 E$ | $\times 5$ |
| 93A.102A $\times 5$ | $1600 R .21 E \times 5$ |  |
| 80602BT $\times 5$ | S50E | $\times 5$ |
| $79047 B T \times 5$ | S30AE | $\times 5$ |



## Cherry Display Stand "CSM" <br> Contains this stock!

| D443-R1AA $\times 3$ | E13-39EC $\times 3$ |  |
| :--- | :--- | :--- |
| D443-R1LD | $\times 3$ | E13-OOH $\times 3$ |
| D443-V1AA | $\times 3$ | E13-OOK $\times 3$ |
| D443-R1RC | $\times 3$ | E19-OOA $\times 3$ |
| D453-R1LD | $\times 3$ | E19-OOK $\times 3$ |
| D453-R1AA | $\times 3$ | E19-OOH $\times 3$ |
| D453-V1LD | $\times 3$ | E34-40HD $\times 3$ |
| D453-V1RC $\times 3$ | E34-72AX $\times 3$ |  |
| D453-R1RC | $\times 3$ | E36-40A $\times 3$ |
| DH1C-B1AA $\times 3$ | E62-OOK $\times 3$ |  |
| DH1C-B1PA $\times 3$ | E62-OOR $\times 3$ |  |
| DG1C-B1LA $\times 3$ | E69-OOA $\times 3$ |  |



