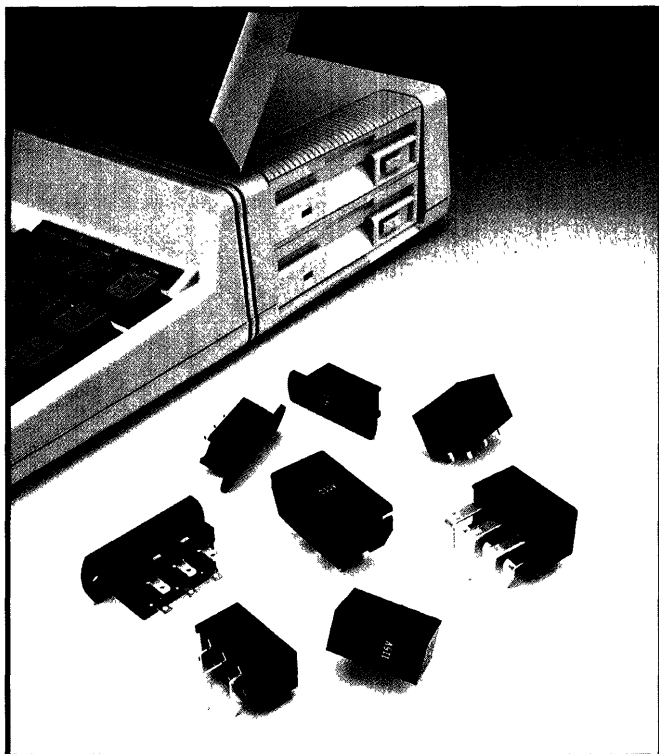


Series 18 & SY

106-213

VOLTAGE SELECTOR SWITCHES



Specification

Mechanical

Life (min)	10,000 cycles
Actuator travel	6.1mm (DP) 5.08mm (SP)

Electrical

Current (DP)	10A/125VAC, 5A/250VAC (max), 10mA/5VDC (min)
Current (SP)	10A/125VAC, 5A/250VAC
Life (min)	10,000 cycles
Dielectric strength	1 KVAC 1 minute
Contact resistance (initial)	15mΩ (DP) 20mΩ (SP)

Environmental & Physical

Ingress protection	IP40
Shock (min)	10g
Operating temperature range	-40°C to + 85°C

Key: DP – Double pole SP – Single pole

Description

ITW Switches now produces an extensive range of single and double pole voltage selectors.

The standard range comes with a choice of PCB, right angle PCB and solder/faston terminals, can be panel mounted, snapped in, or installed directly onto a PCB and has a flush red screw driver slot marked with 115V/230V.

Features

- Single or double pole – for multi pole switching
- Choice of terminals – solder/faston, PCB and right angle PCB
- Different mounting methods – to suit any application
- International approvals – including VDE, UL & CSA
- Positive detent action – for optimum switching

Non-standard Options:

- Hand actuator
- Custom markings

Non standard options include other mounting styles, other markings and an 8,7mm high handle for applications such as power switching.

The voltage selector is ideal for any application requiring two input voltages and the many international approvals enhance the reputation of this quality product.

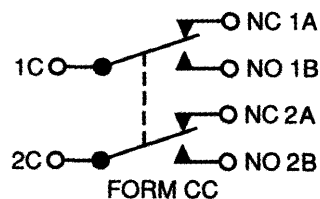
Application references

- Power supplies
- Personal computers
- Portable test equipment
- Weighing machines
- Banking machines
- Any equipment with two input voltages

Ordering information

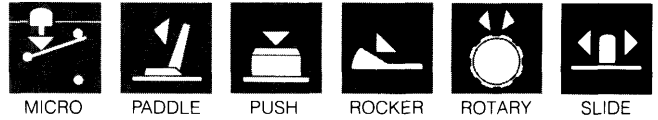
Part Number	Description
SY-112112	Single pole, 34mm mounting pitch, solder/faston terminals
SY-133112	Single pole, PCB mounted, PCB terminals
SY-134112	Single pole, PCB mounted, right angle PCB terminals
SY-142112	Single pole, snap in mounted, solder/faston terminals
18-000-0016	Double pole, 34mm mounting pitch, solder/faston terminals
18-000-0022	Double pole, PCB mounted, PCB terminals
18-000-0019	Double pole, PCB mounted, right angle PCB terminals
✱ 18-000-0040	Double pole, snap in mounted, solder/faston terminals

Series 18
Circuit
form



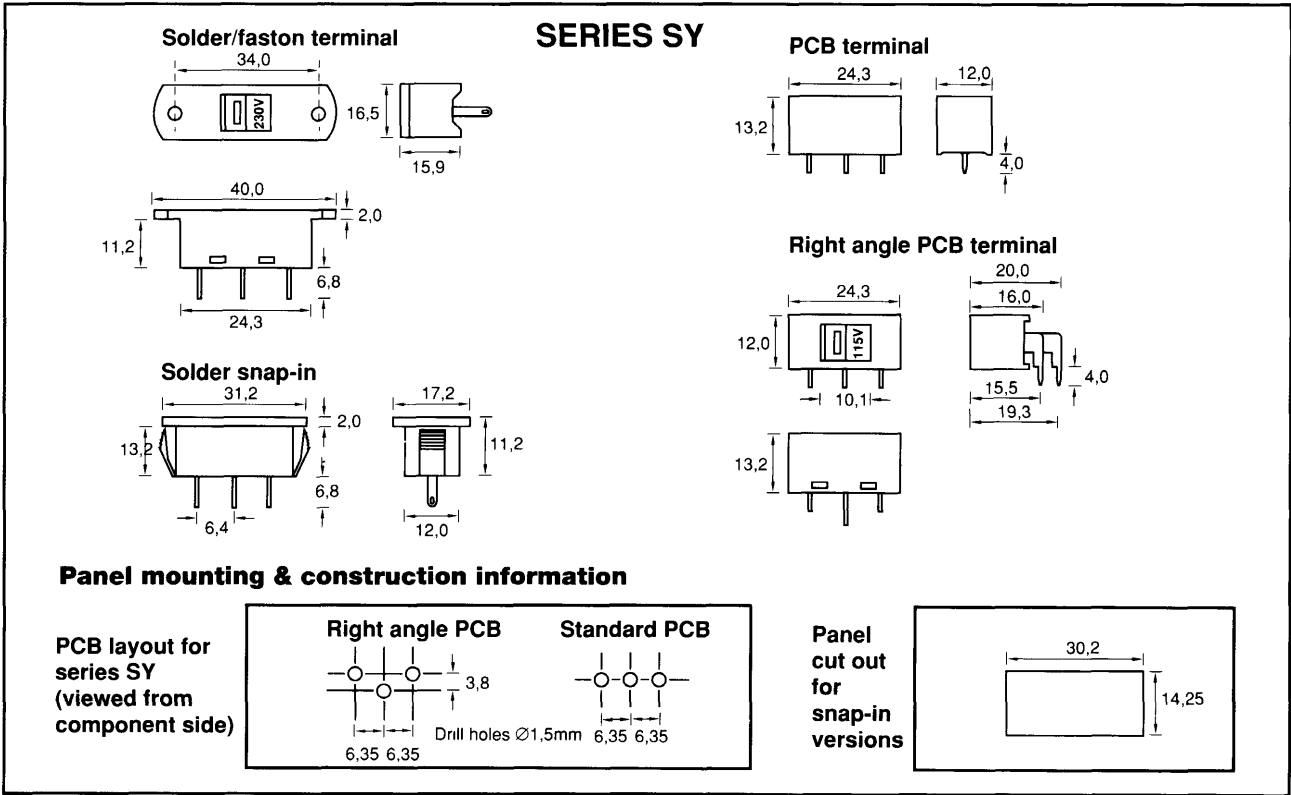
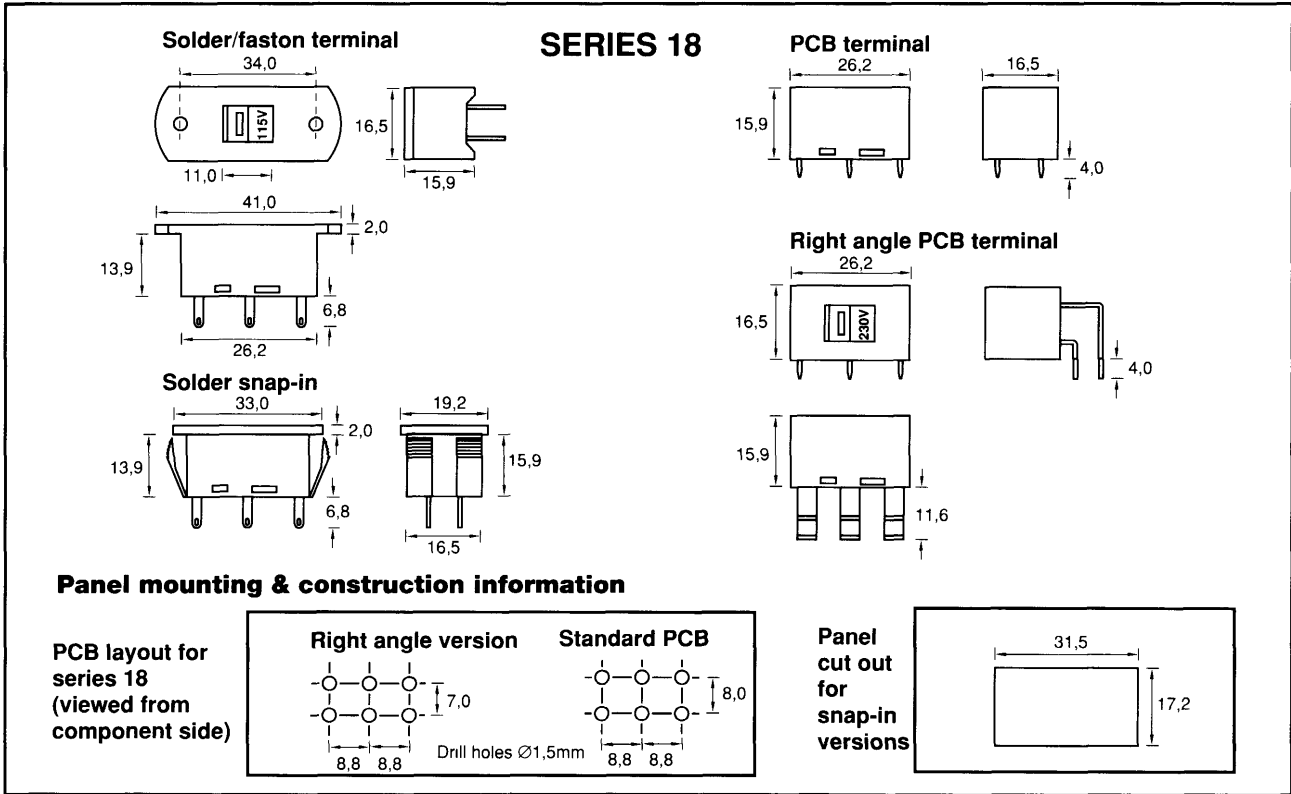
Series SY
Circuit
form





Product drawings

Dimensions (All measurements in mm)



For information on our complete range of switch products, please contact the Sales Office



ITW Switches
 A Division of ITW Limited
 Norway Road
 Portsmouth, England PO3 5HT

Telephone: (0705) 694971 (INT +44 705 694971)
 Telex: 86374 ITW G
 Facsimile: (0705) 666352 (INT +44 705 666352)

Due to our policy of continuous product development, ITW Switches retain the right to change the specification at any time without prior notice