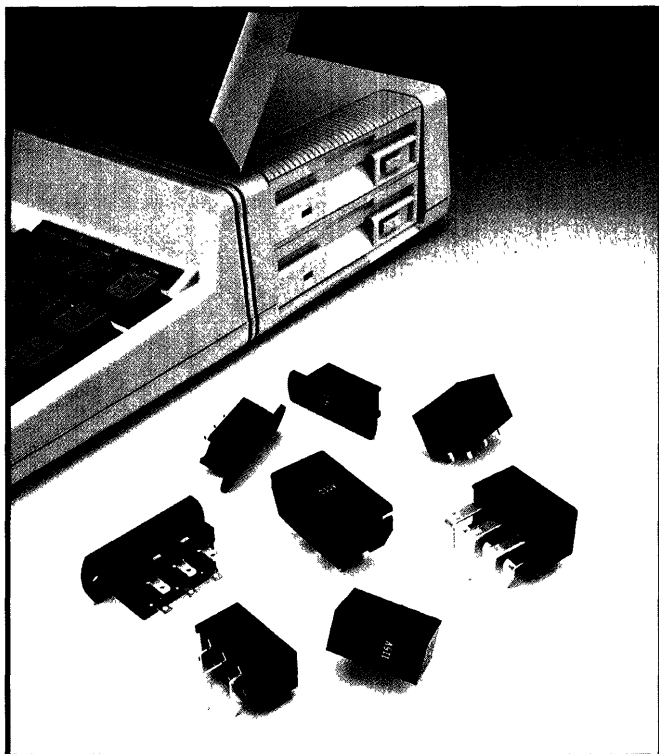


Series 18 & SY

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.

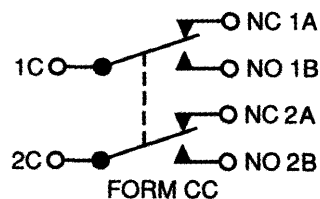
Application references

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

Ordering information

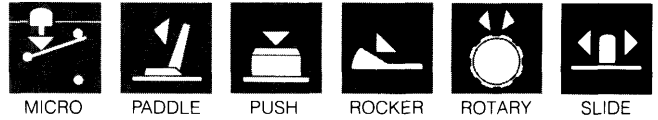
| Part Number | Description |
|---------------|---|
| SY-112112 | Single pole, 34mm mounting pitch, solder/faston terminals |
| SY-133112 | Single pole, PCB mounted, PCB terminals |
| SY-134112 | Single pole, PCB mounted, right angle PCB terminals |
| SY-142112 | Single pole, snap in mounted, solder/faston 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



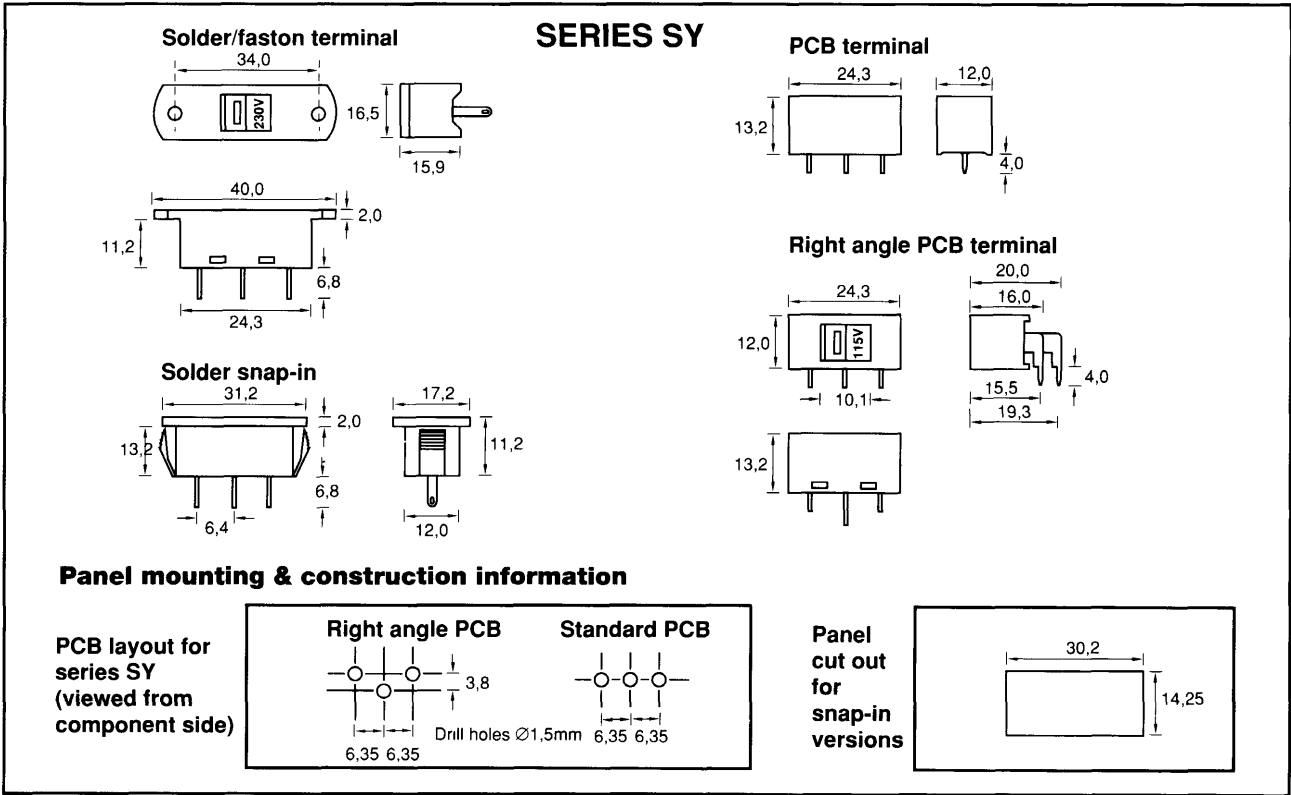
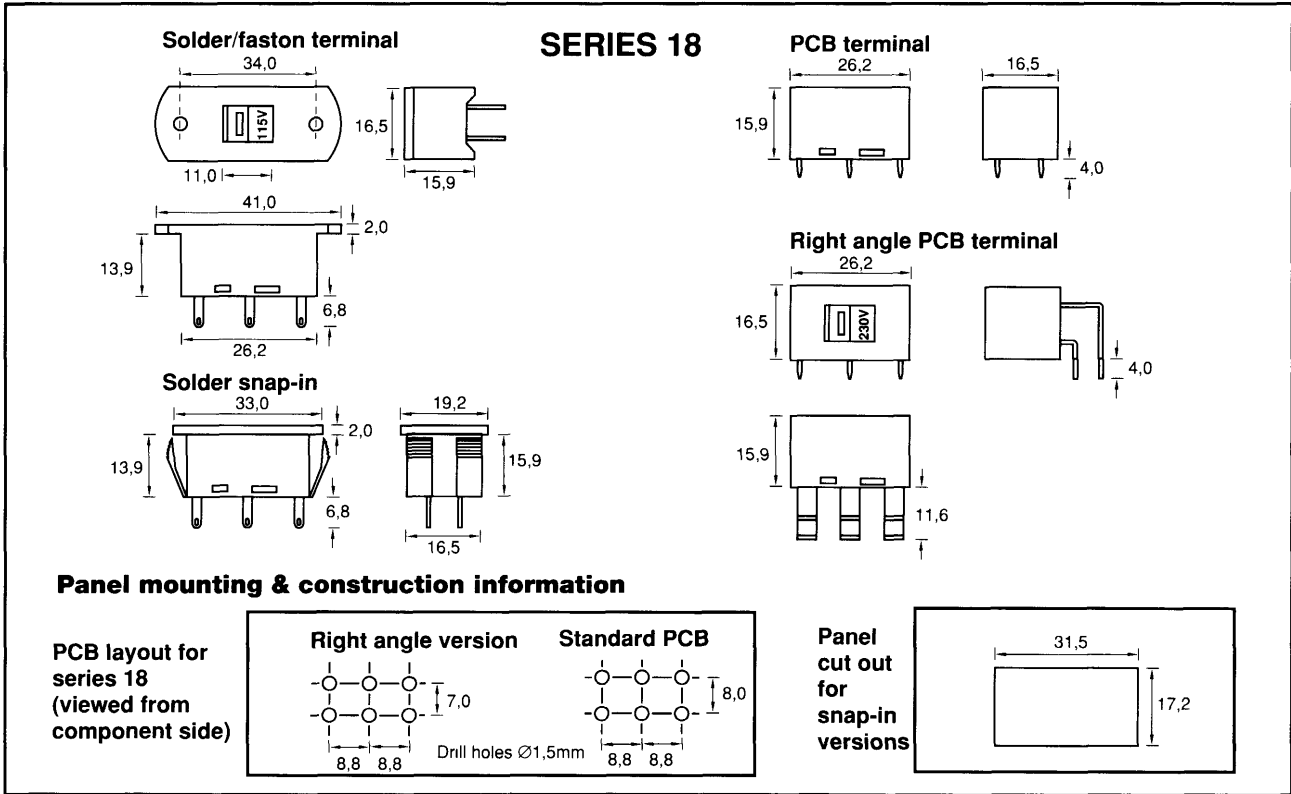
Series SY
Circuit
form





Product drawings

Dimensions (All measurements in mm)



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



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