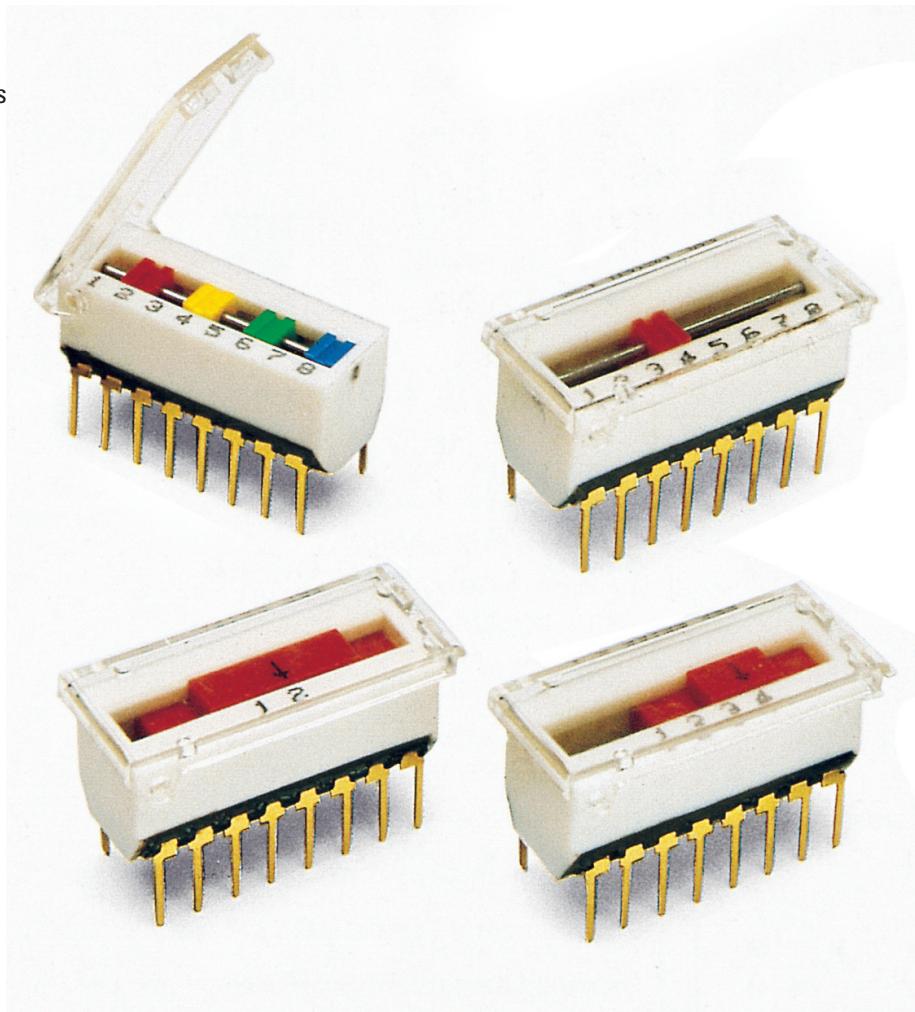


## DIL SWITCHES

This range of select on test/code and range setting switches overcome some of the problems of using standard dual in-line 8 way switches.

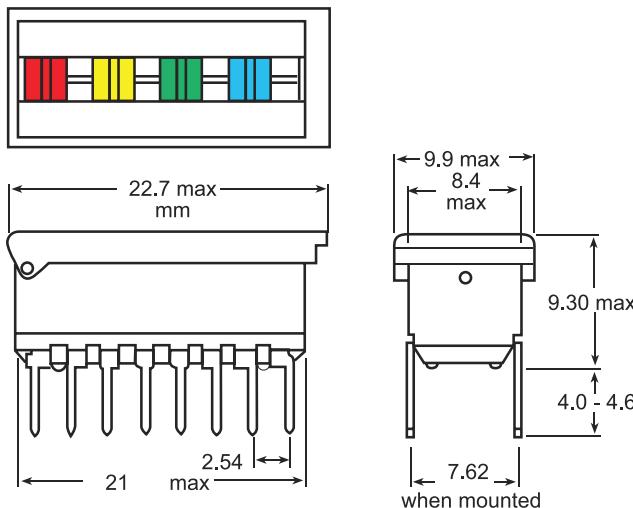
### KEY FEATURES:

- An exclusive guaranteed one out of eight selection.
- Linked changeovers (up to 4) are operated by one actuator.
- Wide range of switching configurations including user PCB custom capability.
- Large numerals and coloured actuators.
- Base and tape sealed for flow soldering and solvent/aqueous washing.
- Hinged transparent dust cover and recessed actuators prevent accidental setting changes.
- 1µm hard gold plated wiping contact for low level circuits.
- If you have a volume requirement for a product variant not shown on this sheet please contact us.



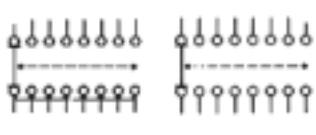
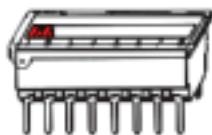
### PRINCIPAL ELECTRICAL AND PERFORMANCE DATA (AT 20°C 70% R.H. FOR DS16):

- Contact Ratings: Switching: 30V, 250mA 7.5VA max.
- Non switching: 240Vac 2A.
- Initial Contact Resistance: (at 10mV, 10mA max.) Typical: 18mΩ. Max. 30mΩ.
- Life: Typical (within rated load), 1000 cycles.
- Temperature Range: Storage, electrical use and manual operation -55°C to +85°C
- Humidity: BS 2011 Test Ca: 56 days. Please note: BS 2011 is now superseded by BS EN 60068.



## ELECTRICAL SCHEMATICS VIEWED FROM BELOW

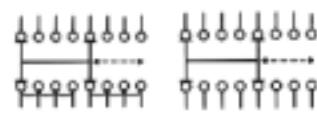
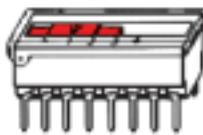
Linked Styles   Unlinked Styles



DS16C 1-8

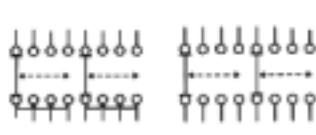
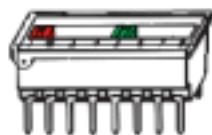
DS16D 1-8

Linked Styles   Unlinked Styles



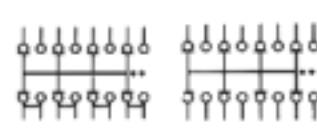
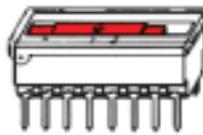
DS16C 2-4

DS16D 2-4



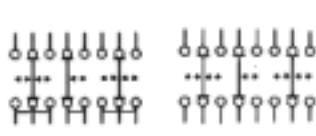
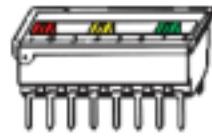
DS16C VAR22\*

DS16D VAR22\*



DS16C 4-2

DS16D 4-2



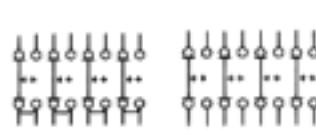
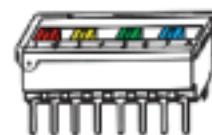
DS16C VAR23\*

DS16D VAR23\*



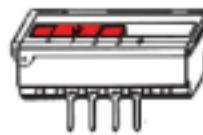
DS16C 1-5

DS16D 1-5



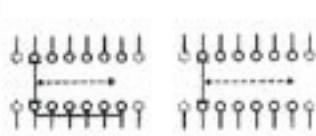
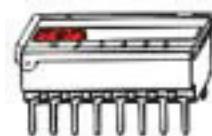
DS16C VAR24\*

DS16D VAR24\*



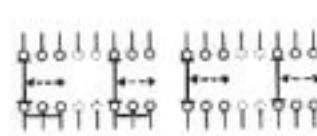
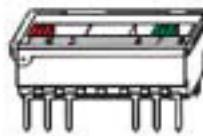
DS16C 1-4

DS16D 1-4



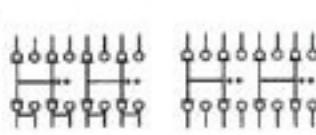
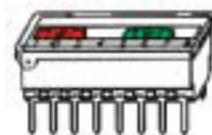
DS16C 1-6

DS16D 1-6



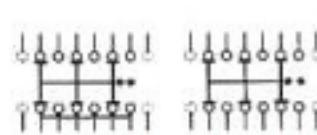
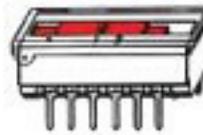
DS16C 1.3+1.3

DS16D 1.3+1.3



DS16C VAR32\*

DS16D VAR32\*



DS16C 3-2

DS16D 3-2

\*Design and use with care as the sliders of these styles have unrestricted travel.

**ITW SWITCH**  
**LUMEX**

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