

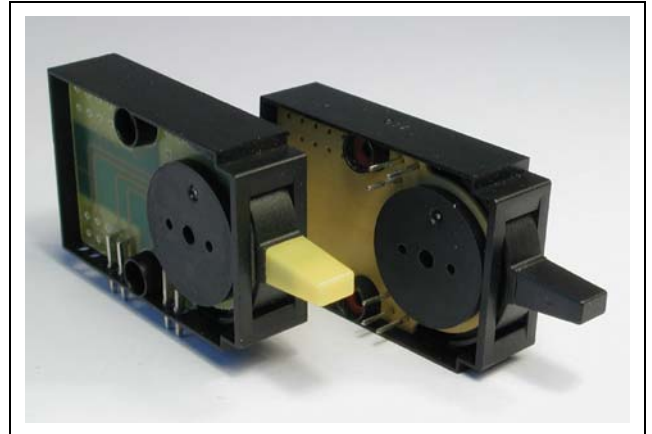
Data Sheet

Toggle Switch, Type TE and TU

The TE switch is designed for horizontal mounting, the TU is designed for vertical mounting to the PCB. The switches can be combined with other components of the T-System.

The switches are available with non-snap momentary action and latch-down maintained contact as 2- and 3-position models. The toggles can be delivered in different colours.

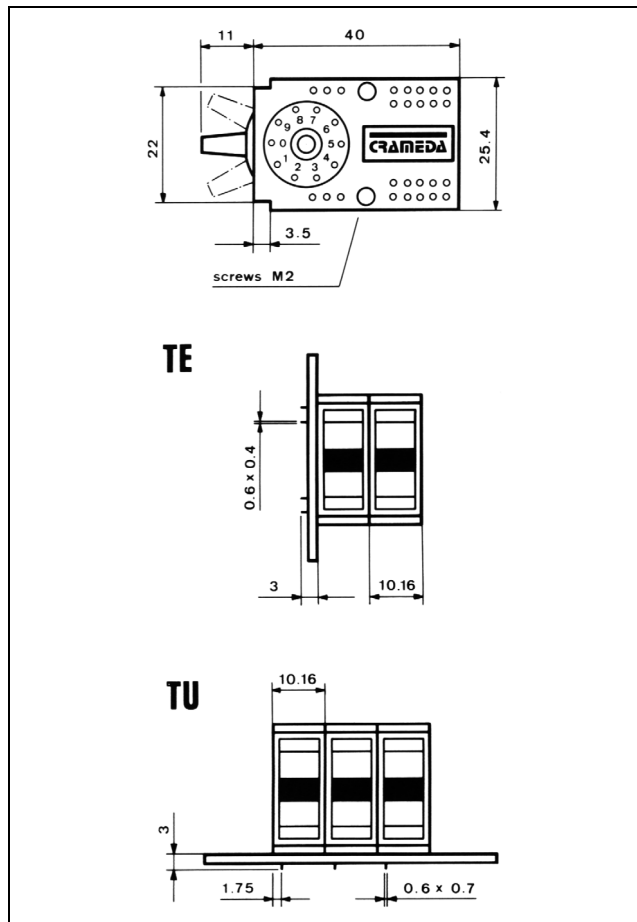
The switches are 10.16 mm wide. The installation depth for BCD coded switches is 40 mm, and for decimally coded switches 56.5 mm.



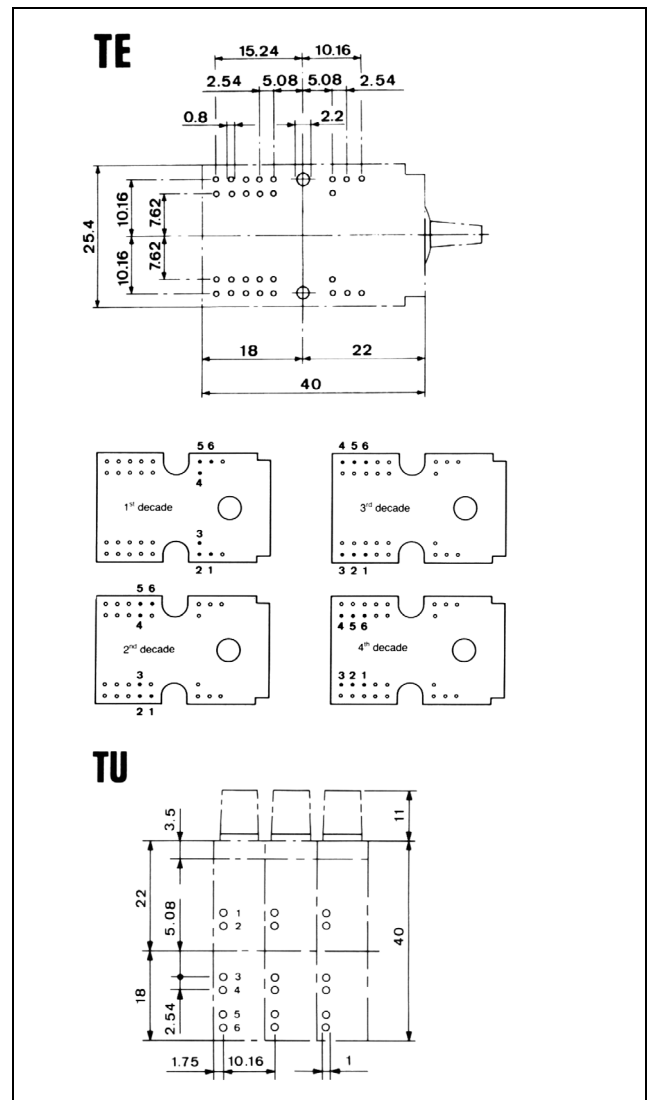
Technical Data for TE and TU

Rated current	≤ 0.1 A
Max. voltage	≤ 50 V=
Insulation resistance	≥ 10 ⁴ MΩ
Contact resistance	≤ 100 mΩ
Service life at 50 V/75 mA	> 10 ⁵ switch operations
Permissible ambient temperature δ _U	-25° ... +70°C
Contact spring	Bronze CuSn6, Au Ag Ni 71/26/3
Contact	rolled to a thickness of 10 µm

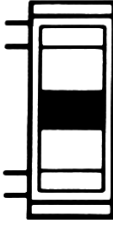
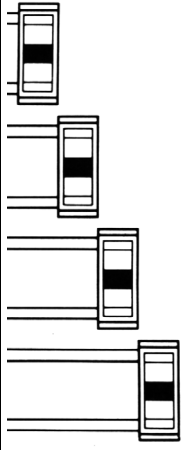

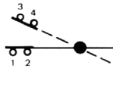
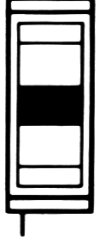
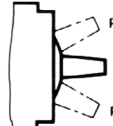

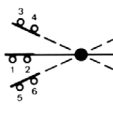
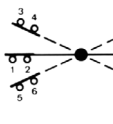
Dimensions



Hole Pattern/Connections



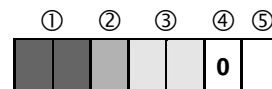
Order Number Configuration

Type ①	Position of decade ②	Switching Function ③			Code	
		Version	Toggle Pos. A	Togg. Pos. Center		Toggle Pos. B
 TE	 1 2 3 4	 Pos. A	1-2 M. OFF	1-2 ON	-	01
			3-4 M. ON	3-4 OFF	-	
		 Pos. B	1-2 OFF	1-2 ON	-	02
			3-4 ON	3-4 OFF	-	
 TU	not applicable 0	 Pos. B	1-2 M. OFF	1-2 ON	1-2 M. OFF	11
			3-4 M. ON	3-4/5-6 OFF	5-6 M. ON	
		 Pos. A	1-2 OFF	1-2 ON	1-2 OFF	12
			3-4 ON	3-4/5-6 OFF	5-6 ON	
		 Pos. B	1-2 M. OFF	1-2 ON	1-2 OFF	21
			3-4 M. ON	3-4/5-6 OFF	5-6 ON	
 Pos. A	1-2 OFF	1-2 ON	1-2 M. OFF	22		
	3-4 ON	3-4/5-6 OFF	5-6 M. ON			

M. = Momentary Action

④ Colour of housing	black	0
⑤ Colour of toggle	black	0
	red	2
	yellow	4
	green	5
	blue	6
	grey	8

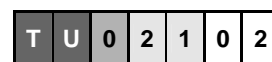
Ordering Key



- ① Type
- ② Position of decade
- ③ Switching function
- ④ Housing black
- ⑤ Colour of toggle

Order number (example)

Type TU,
switching function 21 (M. ON in pos. A, ON in pos. B),
housing black, toggle red



Specifications are subject to change without notice.