# tend MAIN SWITCH

### Feature

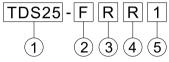






- These series of switches has 6 types of capacity ranging from 16A to 80A.
- Installation includes fixed way(fixed on the operating panel) and detached way(contact fixed in the control
  box whereas upper base and handles fixed on the tope cover of the control box)
- Detachable type can be installed on TBR N (standard aluminium rail-wide rail)
- There are two types of switching handles: standard and round. Standard is colored in red/yellow or black/silver; while round ones in red/yellow or black/gray.

# Model designation



Designation	Signal	Description		
1.Capacity	TDS16	16A(3P)		
	TDS25	25A(3P)		
	TDS33	33A(3P)		
	TDS40	40A(3P)		
	TDS66	66A(3P)		
	TDS80	80A(3P)		
	TDS416	16A(4P)		
	TDS425	25A(4P)		
	TDS433 TDS440	33A(4P) 40A(4P)		
	TDS440	66A(4P)		
	TDS480	80A(4P)		
	103460	60A(4F)		
2.Installation way	F	Fixed way		
	В	Detched way		
	Е	Control staions		
3.Handle	S	Standard handle		
	R	Rotundity handle		
4.Color	В	Block/silver gray		
	R	Red/yellow		
5.Transmission rod length (only detached way)	None	100mm		
	1	150mm		
	2	250mm		
	3	300mm		

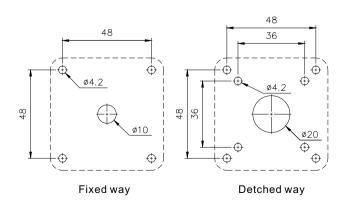
# Specifications

V	Type		TDS25 TDS425	TDS33 TDS433	TDS40 TDS440	TDS66 TDS466	TDS80 TDS480
AC-3 (kw)	220V~240V	2.2	4.0	5.5	7.5	11.0	15.0
	380V~440V	3.7	5.5	7.5	11.0	18.5	22.0
	660V~690V	3.7	5.5	7.5	15.0	22.0	30.0
AC-23 (kw)	220V~240V	3.0	5.5	5.5	7.5	11.0	18.5
	380V~440V	5.5	7.5	11.5	15.0	22.0	30.0
	600V~690V	5.5	7.5	11.5	18.5	30.0	37.0
AC-21		16A	25A	33A	40A	66A	80A

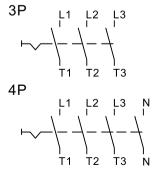
	Type /oltage			TDS33 TDS433		TDS66 TDS466	TDS80 TDS480
AC-3 (hp)	110V~120V	1	1.5	2	3	5	7.5
	220V~240V	2	3	5	7.5	10	20
	380V~440V	3	5	10	15	20	40
	500V~600V	3	5	10	15	20	50

3 phase.3 poles

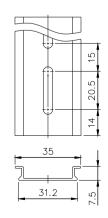
### Plate dimensions



# ■ Wiring dragram



# ■ TBR-N(Dimendions) (用於分離式)



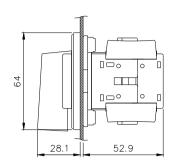
# Dimensions

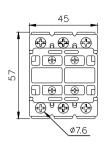
TDS16/25/33-FSB

TDS16/25/33-FSR







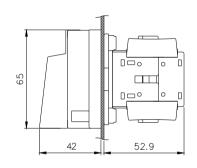


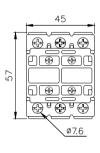
TDS16/25/33-FRB

TDS16/25/33-FRR







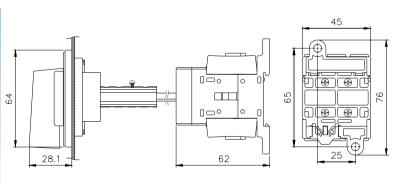


TDS16/25/33-BSB

TDS16/25/33-BSR





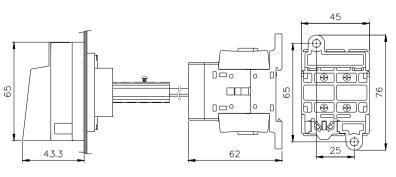


TDS16/25/33-BRB

TDS16/25/33-BRR





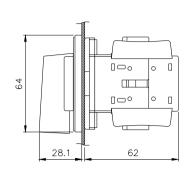


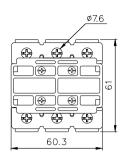
TDS40/66/80-FSB

TDS40/66/80-FSR







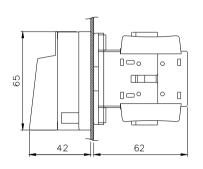


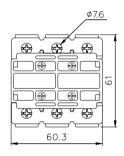
TDS40/66/80-FRB

TDS40/66/80-FRR







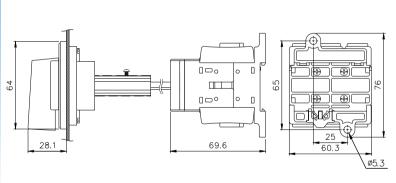


TDS40/66/80-BSB

TDS40/66/80-BSR





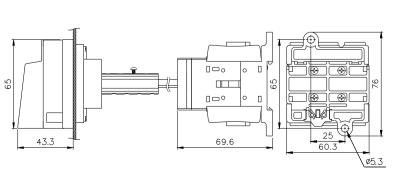


TDS40/66/80-BRB

TDS40/66/80-BRR







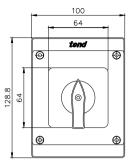
### Contorl stations

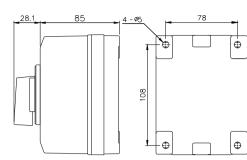
### TDS□-ESB

### TDS□-ESR







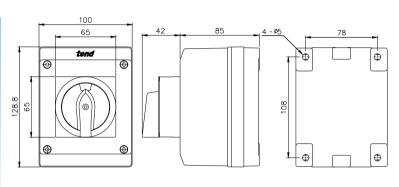


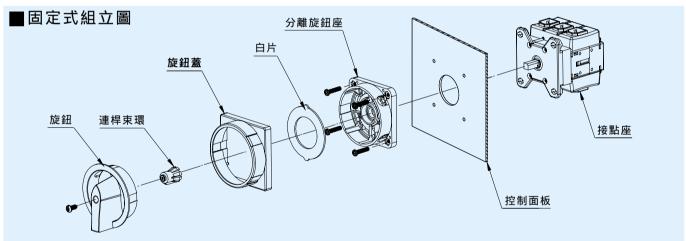
TDS□-ERB

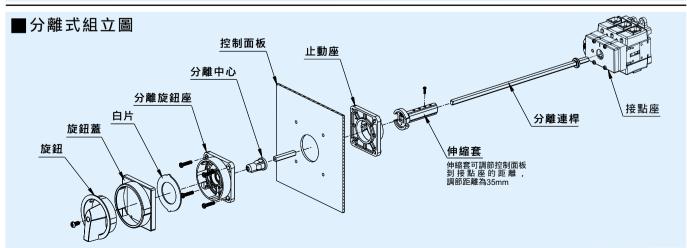
TDS□-ERR









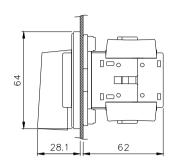


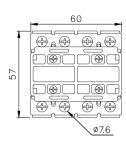
# **Dimensions**

### TDS416/425/433-FSB TDS416/425/433-FSR





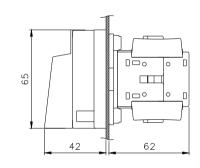


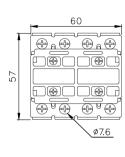


### TDS416/425/433-FRB TDS416/425/433-FRR





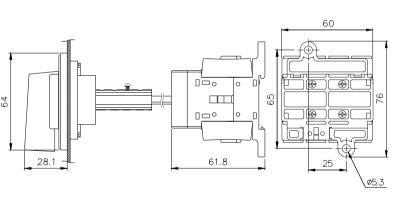




### TDS416/425/433-BSB TDS416/425/433-BSR



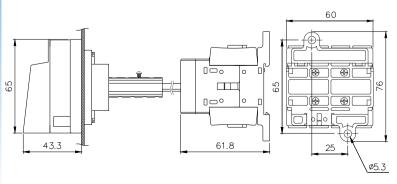




### TDS416/425/433-BRB TDS416/425/433-BRR



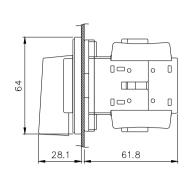


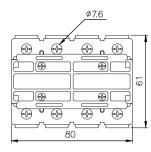


### TDS440/466/480-FSB TDS440/466/480-FSR





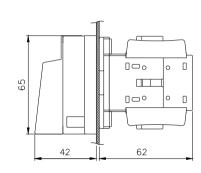


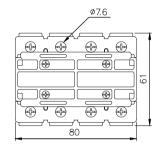


### TDS440/466/480-FRB TDS440/466/480-FRR





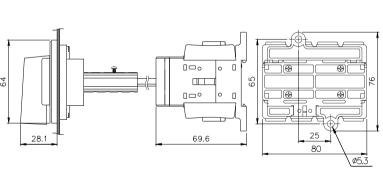




# TDS440/466/480-BSB TDS440/466/480-BSR







# TDS440/466/480-BRB TDS440/466/480-BRR





