

Switch-Disconnectors

Susol

Frame size		[AF]
Conventional thermal current, Ith		[A]
No. of poles		
Rated operational voltage, Ue	AC	[V]
	DC	[V]
Rated operational current, Ie		
Rated impulse withstand voltage, Uimp		[kV]
Rated insulation voltage, Ui		[V]
Rated short-circuit making capacity, Icm		[kA peak]
Rated short-time withstand current, Icw	1s	[A rms]
	3s	[A rms]
	20s	[A rms]
Isolation behavior		
Trip unit (release)		
	● disconnecter unit	DSU
Connection	fixed	front-connection
		rear-connection
	plug-in	front-connection
		rear-connection
Mechanical life [operations]		
Electrical life @415 V AC [operations]		
Basic dimensions, W×H×D (front connection)	3-pole	[mm]
	4-pole	[mm]
Weight (front connection)	3-pole	[kg]
	4-pole	[kg]
Reference standard		

TD series



TD100NA	TD160NA	TS100NA
100	160	100
100	160	100
2, 3, 4	2, 3, 4	2, 3, 4
690	690	690
500	500	500
100	160	100
8	8	8
750	750	750
3.1	3.1	2.8
2200	2200	2000
2200	2200	2000
960	960	690
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
25000	25000	25000
10000	10000	10000
90 × 140 × 86	90 × 140 × 86	105 × 160 × 86
120 × 140 × 86	120 × 140 × 86	140 × 160 × 86
1.5	1.5	2
1.8	1.8	2.6
IEC60947-3	IEC60947-3	IEC60947-3

The switch-disconnectors are different from the circuit-breakers in the absence of the conventional protection unit. They keep the overall dimensions, connection systems and accessories unchanged from the corresponding circuit-breakers. Installation standards require upstream protection. However, thanks to their high-set magnetic release, TD160 ... TS800 DSU are self protected.