

# TracFeed® TDx

## CHARACTERISTIC DATA

English

### Variants

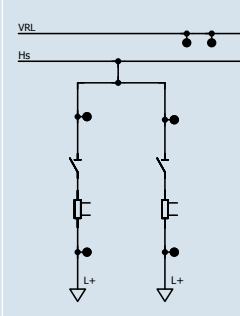
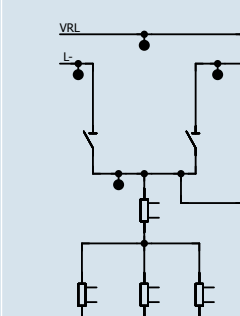
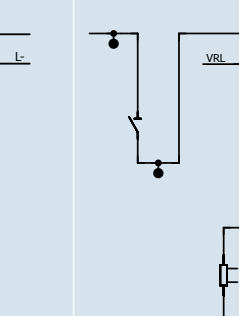
TracFeed®		TDA	TDB
Nominal voltage $U_n^1$	V	750	1 500
Rated voltage $U_{Ne}^1$	V	900	1 800
Rated insulation voltage $U_{Nm}^1$	V	1 200	2 300

### Switch panel protection rating

	Standard protection rating	Maximum possible protection rating
Control and protection compartment	IP3x	IP54
Doors, side, rear wall	IP3x	IP31
Top	IP0x	IP31
Bottom	IP00	IP20

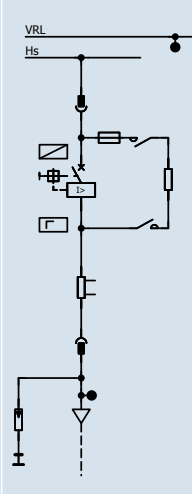
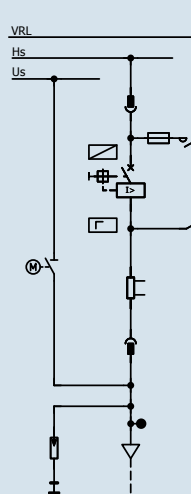
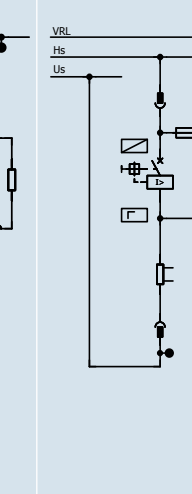
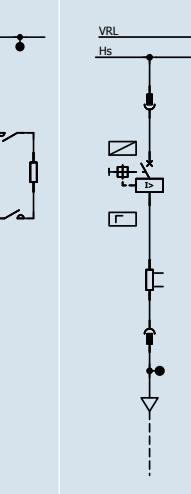
## TracFeed® TDx SWITCH DISCONNECTOR PANEL (WIDTH 800 mm)

### Technical data and rated values

Panel types		Incomer panel with disconnecter, motorised or manually operated	Negative return feeder panel with disconnecter, motorised or manually operated	Combined incomer and negative return feeder panel with disconnecter, motorised or manually operated
Panel dimensions (width x height <sup>2</sup> x depth <sup>3</sup> )	mm	800 x 2 200 x 1 350		
Main bus bar, $I_{Ne}^1$	A	2 000, 4 000, 6 000, 8 000, 10 000		
Feeder / Incomer, $I_{Ne}^1$	A	2 000, 4 000		
Rated earth fault current $I_{Ncwe}^1$	kA	50 for 250 ms		
Example applications				

# TracFeed® TDx CIRCUIT BREAKER PANEL (WIDTH 500 mm)

## Technical data and rated values

Panel types		Line feeder panel	Line feeder panel with bypass disconnector	Bypass feeder panel	Circuit breaker incomer panel
Panel dimensions (width x height <sup>2</sup> x depth <sup>3</sup> )	mm	500 x 2 200 x 1 350			
Main bus bar, $I_{Ne}^1$	A	2 000, 4 000, 6 000, 8 000, 10 000			
Feeder / Incomer, $I_{Ne}^1$	A	2 000 2 600 4 000 4 500 6 000	2 000 2 600 4 000 4 500	2 000 2 600 4 000 4 500	2 000 2 600 4 000 4 500 6 000
Bypass bus bar, $I_{Ne}^1$	A		2 000 2 600 4 000 4 500	2 000 2 600 4 000 4 500	
Rated short-circuit current / peak of the short-circuit current $I_{Nss}^1 / \hat{I}_{SS}^1$	kA	up to 125 / 178 for $U_{Ne}^1 = DC 900 V$ up to 80 / 114 for $U_{Ne}^1 = DC 1 800 V$			
GE-Gerapid		Gerapid 2607 / 4207 / 6007			
		HSCB by other manufacturers on request			
Rated earth fault current $I_{Ncwe}^1$	kA	50 for 250 ms			
Example applications					

# TracFeed® TDx CIRCUIT BREAKER PANEL WITH CABLE CONNECTION PANEL (WIDTH 800 mm)

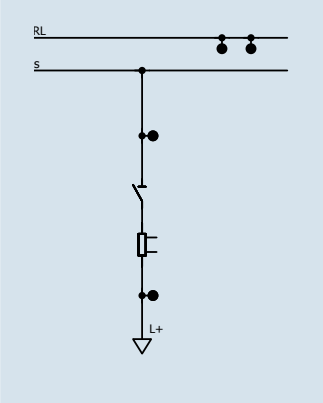
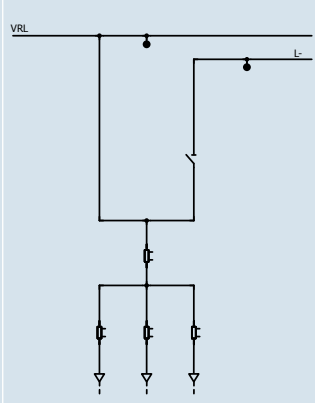
## Technical data and rated values

Panel types		Line feeder panel with cable connection panel	... with cable disconnecter	... and bypass disconnecter
Panel dimensions (width <sup>4</sup> x height <sup>2</sup> x depth <sup>3</sup> )	mm	800 x 2 200 x 1 350		
Main bus bar, $I_{Ne}^{-1}$	A	2 000, 4 000, 6 000, 8 000, 10 000		
Feeder / Incomer, $I_{Ne}^{-1}$	A	2 000 2 600 4 000 4 500 6 000	2 000 2 600 4 000 4 500	2 000 2 600 4 000 4 500
Bypass bus bar, $I_{Ne}^{-1}$	A			2 000 2 600 4 000 4 500
Rated short-circuit current / peak of the short-circuit current $I_{Nss}^{-1} / \hat{I}_{SS}^{-1}$	kA	up to 125 / 178 for $U_{Ne}^{-1} = DC 900 V$ up to 80 / 114 for $U_{Ne}^{-1} = DC 1 800 V$		
GE-Gerapid		Gerapid 2607 / 4207 / 6007		
		HSCB by other manufacturers on request		
Rated earth fault current $I_{Ncwe}^{-1}$	kA	50 for 250 ms		
Example applications				



# TracFeed® TDx SWITCH DISCONNECTOR PANEL (WIDTH 500 mm)

## Technical data and rated values

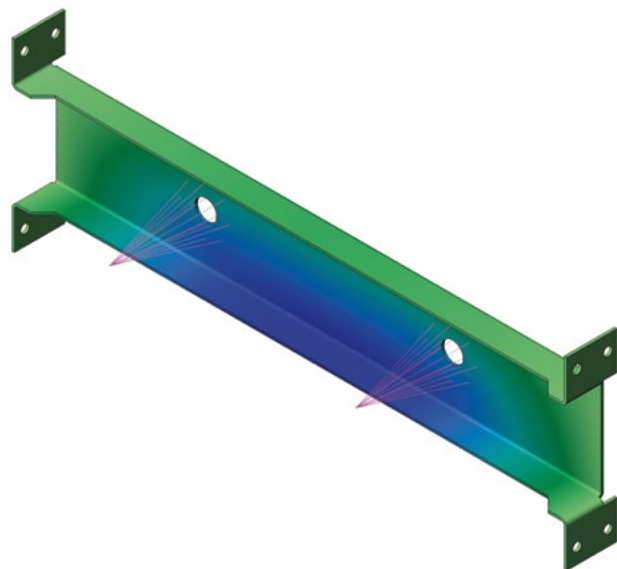
Panel types		Incomer panel with disconnecter, motorised or manually operated	Negative return feeder panel with disconnecter, motorised or manually operated
Panel dimensions (width x height <sup>2</sup> x depth <sup>3</sup> )	mm	500 x 2 200 x 1 350	
Main bus bar, $I_{Ne}^1$	A	2 000, 4 000, 6 000, 8 000, 10 000	
Feeder / Incomer, $I_{Ne}^1$	A	2 000, 4 000	
Rated earth fault current $I_{Ncwe}^1$	kA	50 for 250 ms	
Principle circuit diagram example			

### Comments:

- 1 According to EN 50123-1
- 2 + 65 mm label plate and interconnection main duct
- 3 Frame depth
- 4 The effective panel width is 801.5 mm due to a metal intermediate wall

### Legend:

- Hs main bus bar  
Us bypass bus bar  
VRL Negative return potential connection



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