

		DigSILENT PowerFactory 15.1.7	Project:
			Date: 12/30/2022

Fault Locations with Feeders Short-Circuit Calculation / Method : VDE 0102				3-Phase Short-Circuit / Max. Short-Circuit Currents			
Asynchronous Motors Always Considered		Grid Identification Automatic		Short-Circuit Duration			
Decaying Aperiodic Component (idc) Using Method B		Conductor Temperature User Defined No		Break Time		0.10 s	
				Fault Clearing Time (Ith)		1.00 s	
				c-Voltage Factor			
				User Defined		No	

Grid: Grid					System Stage: Grid					Annex: / 1				
	rtd.V. [kV]	Voltage [kV]	c- [deg]	Factor	Sk" [MVA/MVA]	Ik" [kA/kA]	[deg]	ip [kA/kA]	Ib [kA]	Sb [MVA]	Ik [kA]	Ith [kA]		
Bus8	230.00	0.00	0.00	1.10	1297.13 MVA	3.26 kA	-87.52	8.66 kA	2.69	1073.58	3.26	3.38		
Line78	Bus7				593.10 MVA	1.49 kA	92.48	3.96 kA						
Line89	Bus9				250.24 MVA	0.63 kA	92.48	1.67 kA						
Line68	Bus6				453.78 MVA	1.14 kA	92.48	3.03 kA						