

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

Fault Locations with Feeders Short-Circuit Calculation / Method : VDE 0102				2-Phase to Ground		/ Max. Short-Circuit Currents	
Asynchronous Motors Always Considered		Grid Identification		Short-Circuit Duration			
		Automatic		Break Time		0.10 s	
		Conductor Temperature User Defined		Fault Clearing Time (Ith)		1.00 s	
				c-Voltage Factor		User Defined	
		No				No	

Grid: Grid		System Stage: Grid								Annex: / 1			
		rtd.V. [kV]	Voltage [kV]	c- [deg]	Factor	Sk" [MVA/MVA]	Ik" [kA/kA]			ip [kA/kA]	Ib [kA]	Sb [MVA]	EFF [-]
Bus8	A	230.00	61.27	2.13	1.10	0.00 MVA	0.00 kA	0.00		0.00 kA	0.00	0.00	0.42
	B		0.00	-120.00		597.55 MVA	4.50 kA	131.16		11.97 kA	4.50	597.55	0.00
	C		0.00	120.00		597.55 MVA	4.50 kA	53.11		11.97 kA	4.50	597.55	0.00
Line78	Bus7				A	24.12 MVA	0.18 kA	-87.87		0.48 kA			
					B	294.11 MVA	2.21 kA	-52.58		5.89 kA			
					C	294.11 MVA	2.21 kA	-123.16		5.89 kA			
Line89	Bus9				A	12.15 MVA	0.09 kA	92.13		0.24 kA			
					B	105.49 MVA	0.79 kA	-43.55		2.11 kA			
					C	105.49 MVA	0.79 kA	-132.18		2.11 kA			
Line68	Bus6				A	11.97 MVA	0.09 kA	92.12		0.24 kA			
					B	199.25 MVA	1.50 kA	-46.14		3.99 kA			
					C	199.25 MVA	1.50 kA	-129.60		3.99 kA			