

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

Fault Locations with Feeders Short-Circuit Calculation / Method : IEC 60909				2-Phase Short-Circuit / Max. Short-Circuit Currents			
Asynchronous Motors Always Considered		Grid Identification Automatic		Short-Circuit Duration Break Time		0.10 s	
		Conductor Temperature User Defined		Fault Clearing Time (Ith)		1.00 s	
		No		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]			ip [kA/kA]	Ib [kA]	Sb [MVA]	EFF [-]
Bus8	A	230.00	143.69	1.26	1.10	0.00 MVA	0.00 kA	0.00		0.00 kA	0.00	0.00	1.00
	B		71.85	-178.74		380.72 MVA	2.87 kA	-178.74		7.63 kA	2.87	380.72	0.00
	C		71.85	-178.74		380.72 MVA	2.87 kA	1.26		7.63 kA	2.87	380.72	0.00
Line78	Bus7				A	8.60 MVA	0.06 kA	91.27		0.17 kA			
					B	166.69 MVA	1.26 kA	-0.22		3.34 kA			
					C	166.69 MVA	1.26 kA	-177.26		3.34 kA			
Line89	Bus9				A	4.52 MVA	0.03 kA	-88.73		0.09 kA			
					B	77.40 MVA	0.58 kA	2.93		1.55 kA			
					C	77.40 MVA	0.58 kA	179.59		1.55 kA			
Line68	Bus6				A	4.08 MVA	0.03 kA	-88.73		0.08 kA			
					B	136.74 MVA	1.03 kA	2.11		2.74 kA			
					C	136.74 MVA	1.03 kA	-179.60		2.74 kA			