

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

Fault Locations with Feeders Short-Circuit Calculation / Method : IEC 60909				Single Phase to Ground / 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	0.00	0.00	1.10	599.87 MVA	4.52 kA	-88.85		12.01 kA	4.52	599.87	0.00
	B		126.19	-97.88		0.00 MVA	0.00 kA	0.00		0.00 kA	0.00	0.00	0.88
	C		126.19	100.17		0.00 MVA	0.00 kA	0.00		0.00 kA	0.00	0.00	0.87
Line78	Bus7				A	283.63 MVA	2.14 kA	91.15		5.68 kA			
					B	22.14 MVA	0.17 kA	73.32		0.44 kA			
					C	22.14 MVA	0.17 kA	108.97		0.44 kA			
Line89	Bus9				A	111.16 MVA	0.84 kA	91.15		2.23 kA			
					B	11.31 MVA	0.09 kA	-107.21		0.23 kA			
					C	11.31 MVA	0.09 kA	-70.50		0.23 kA			
Line68	Bus6				A	205.09 MVA	1.54 kA	91.15		4.11 kA			
					B	10.83 MVA	0.08 kA	-106.13		0.22 kA			
					C	10.83 MVA	0.08 kA	-71.58		0.22 kA			