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

Fault Locations with Feeders
Short-Circuit Calculation / Method : VDE 0102 — 2-Phase Short-Circuit / Max. Short-Circuit Currents

Asynchronous Motors Always Considered	Grid Identification Automatic Conductor Temperature User Defined No	Short-Circuit Duration 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]	[deg]	c-Factor		Sk" [MVA/MVA]	Ik" [kA/kA]	[deg]	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			