

ELECTRICAL SCHEMATICS MATRIX

Features	Standard	Professional
Single-line Block Diagrams	•	•
Multi-line Schematics	•	•
PLC Ladder Logic Diagrams	•	•
2D Cabinet Panel Layouts	•	•
Hydraulic/Pneumatic Schematics	•	•
NFPA79 & IEC Standard Symbol Library	•	•
Reusable Drawing Templates & Circuits (Macros)	•	•
Automated Terminal Drawing Creation	•	•
Automated Contact Cross-Referencing	•	•
Project Level Mark and Document Control	•	•
Electrical Component and Symbol Library Management	•	•
SOLIDWORKS Electrical Content Portal Access	•	•
Project Component/Document Search	•	•
Report Generation	•	•
Design Rule Checks (Project Auditing)	•	•
SOLIDWORKS PDM Integration <small>(Requires SOLIDWORKS PDM Professional)</small>	•	•
Harness Management Tools		•
Advanced Report Customization (SQL Query Control)		•
Shared Network Parts & Symbols Library		•
Network License Support		•
3D Cabinet Panel Layouts <small>(Requires SOLIDWORKS Electrical 3D)</small>		•
3D Harness Fabrication Layouts <small>(Requires SOLIDWORKS Electrical 3D)</small>		•
Dynamic PLC Symbols		•
Dynamic Connector Symbols		•
Excel Automation		•
User Rights Management		•
Project Revision History (Snapshots)		•
Legacy Data (DXF/DWG) Import to Project		•
ERP Database Synchronization		•
Deferred Update Mode		•
Custom Library Classifications		•