DS SOLIDWORKS

SOLIDWORKS Electrical Functionality Matrix

Functionality	DesignSpark Electrical 2.0	SOLIDWORKS Electrical Schematic Standard	SOLIDWORKS Electrical Schematic Professional
Single-line Schematics	✓	✓	✓
Multi-line Schematics	✓	✓	✓
Electrical Component and Symbol Library	✓	✓	✓
Design Reuse	✓	✓	✓
Upward compatibility to SOLIDWORKS Electrical Schematics	✓	✓	✓
Report Generation types	Standard	Standard	Customizable
Sheet count (Schematic/line diagram & Reports)	3 & 2	Unlimited	Unlimited
Documents per project (any sheet type, data files, etc.)	15	Unlimited	Unlimited
2D Cabinet Creation		✓	✓
Design Rule Checks		✓	✓
Automated Terminal Drawing Creation		✓	✓
Automated Contact Cross-Referencing		✓	✓
Advanced Formula Manager		✓	✓
SOLIDWORKS Electrical Content Portal (ECP)		✓	✓
Perpetual license		✓	✓
Worldwide support, product enhancements and upgrades		✓	✓
SOLIDWORKS PDM Connector			✓
Floating network licensing			✓
Link to SOLIDWORKS 3D CAD			✓
Common ECAD and MCAD Database			✓
PLC dynamic insertion and drawing creation			✓
Dynamic Connector Tools			✓
Real-time Collaboration and Synchronization			✓
Upgradable Microsoft SQL Server Database			✓
Custom Part Library Classifications			✓
Microsoft Excel automation and integration			✓
Comprehensive user rights management for design teams			✓
Full API environment			✓
Licensing fees	Free	Additional cost	Additional cost

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