



## ELECTRICAL DESIGN FOR BUILDINGS

### CADS Electric for Building Systems

<b>GENERAL FEATURES</b>	<b>PRO</b>	<b>BASIC</b>
Stand-alone CAD/BIM software on Windows platform	x	x
CAD functionality (2D and 3D)	x	x
Import and export of DWG, IFC, BCF, DXF, DRW, PDF and Excel files	x	x
Support of raster images (JPEG, TIFF, GIF, BMP, PNG) and OLE objects	x	x
Reference image (XRF) management	x	x
Labels and drawing templates (ENG, SWE, FIN, LIT, LAT, EST, RUS)	x	x
Versatile printing functions, including built-in Smart PDF converter	x	x
Unicode support	x	x
Network and workstation licenses	x	x

<b>CADS ELECTRIC PRO FOR BUILDING SYSTEMS</b>	<b>PRO</b>
Project-specific real-time information management, multi-user support	x
Project tree interface, centralized management of project design data	x
Bi-directional Electric DB database- information management in table view	x
Comprehensive management of product models	x
Functionality for adding unlimited amount of information to BIM models	x
Generation of switch board schematics from installation drawings	x
Real-time link between switch board schematics and installation drawings	x
Management of project´s switchboards and circuit connections	x
Centralized and real-time calculation of cable length, power, voltage drop, short circuit current	x
Automatic verification of cable sizes & protective devices	x
Dynamic positioning functions and automatic lists	x
Bulk edits of project information in Excel	x
Versatile searching, filtering and sorting functions	x
Project-specific reports and lists (CAD and Excel)	x
Additional info boundary system	x
Manufacturer specific product databases	x
Excel import wizard (devices, product databases)	x
Real-time connection information of cables and wirings	x
Project specific settings	x
Reuse design data, switchboard schematics or main line diagrams	x



<b>CADS ELECTRIC BASIC FOR BUILDING SYSTEMS</b>	<b>PRO</b>	<b>BASIC</b>
Drawing-specific information management	x	x
3D modelling of electrical equipment	x	x
Bi-directional interface with DIALux	x	x
Navigation of element instances from project tree to drawings and back	x	x
Drawing and editing of cable support systems (2D/3D)	x	x
Intelligent elevation recognition system for 3D models (HVAC, structural etc.)	x	x
Real-time clash detection when drawing or editing cable support systems	x	x
Configurable clash detection system	x	x
Creation and management of spatial objects (rooms)	x	x
Intelligent cables with over 9000 cables in cable database	x	x
Automatic system-specific elevation management	x	x
Automatic layer system and layer management	x	x
Automatic bill of materials (ENG, SWE, FIN, LIT, LAT, EST, RUS)	x	x
Automatically generated legends and description lists	x	x
Provision for voids (openings)	x	x
Functionality for symbol packages	x	x
Versatile and dynamic references (annotations)	x	x
Symbols for electrical, low-current and switchboard schematics	x	x
Sector and placement radius functions	x	x
Area and IP class boundaries	x	x
Automatic consecutive numbering of symbols	x	x

We reserve the right to make modifications.