INDUSTRIAL ELECTRICAL AND AUTOMATION DESIGN
CADMATIC Electrical for Automation

GENERAL FEATURES	Full version	Basic version
Stand-alone CAD 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

CADMATIC ELECTRICAL FOR AUTOMATION		
Project-specific real-time information management, multi-user support	x	
Project tree interface, centralized management of project design data	x	
Bi-directional Electrical DB Tool- information management in table view	x	
Comprehensive management of product models	x	
Management and bulk editing of cables, wires, devices etc. throughout the project	x	
Bulk edits of project information in Excel (renumbering etc.)	x	
Import and export of project information in Excel	x	
Generation of schemas based on circuit data and template drawings	x	
Versatile searching, filtering and sorting functions	x	
Real-time component numbering	x	
Project specific ID and customer ID management	x	
Project-specific real-time connection information of cables and wirings	x	
Real-time automatic cross-referencing between components throughout the project	x	
Real-time wiring references throughout the project	x	
Automatic definition and numbering of internal wirings of centres	x	
Project specific automatic generation of lists and diagrams (CADMATIC, Excel, PDF)	x	
Project specific logic design (PLC), I/O management and import from Excel	x	
Manufacturer specific product databases	x	
Reuse design data or schematics	x	

CADMATIC ELECTRICAL BASIC FOR AUTOMATION	Full version	Basic version
Drawing-specific information handling	x	x
Drawing-specific real-time connection information of cables and wirings	x	x
Navigation of element instances between project tree and schematics	x	x
Generation of template schemas from Excel file	x	x
Component ID management (based on the IEC 61346 standard)	x	x
Intelligent cables with over 9000 cables in cable database	x	x
Real-time cross-references for symbols and wires	x	x
Intelligent placement, removal, transfer and copying of symbols	x	x
Generation of terminal strips from the circuit diagram	x	x
Dynamic device text functionality	x	x
Context-sensitive user interface	x	x
Search-replace functions	x	x
Versatile handling of drawing frames, sheets and logos	x	x
Comprehensive symbol libraries (circuit diagrams, substations, instrumentation, I/O)	x	x
User's own symbols and symbol packages	x	x
Page-specific bulk edits of element attributes	x	x
Terminal strip functions	x	x
Drawing frames and symbol descriptions (ENG, SWE, FIN, RUS, EST, LAT, LIT)	x	x
Customer drawings functions	x	x

We reserve the right to make modifications.