



AUCOTEC AG  
Oldenburger Allee 24 • D-30659 Hanover  
Telephone +49 511 61 03-0 • Fax +49 511 61 40 74  
www.aucotec.com



WAGO Kontakttechnik GmbH  
Hansastraße 27 • D-32423 Minden  
Telephone +49 571 887-0 • Fax +49 571 887-169  
www.wago.com

## New Interface Solution

AUCOTEC products –  
smartDESIGNER / WAGO

### ■ Situation

In a collaboration between AUCOTEC AG, WAGO and others, an XML-based format for the data exchange between E-CAE application and terminal configurator has been defined.

The aim of the new interface solution is the functional extension in the following areas:

- Bidirectional exchange: This permits for the first time to transfer information on the terminal strip design back into the CAE system and to retrospectively determine the physical setup.
- Transfer of several terminal strips in one step: Thus this solution gains considerable acceptance, and handling is greatly facilitated
- Transfer of additional information on labelling and additional parts as well as connected components and bridges: The project transferred to the smartDESIGNER is transmitted in its entirety and can easily be used for manufacturing and ordering tasks
- Transfer of design diagrams into the terminal diagram: Layout drawings can now automatically be transferred to the CAE system and there integrated into the terminal diagram for better visualization.

### Your Advantages:

Bidirectional Data Exchange

Transfer of several terminal strips in one step

Transfer of additional information on labelling and additional parts as well as connected components and bridges

Transfer of design diagrams into the terminal diagram

Online export and import from the object tree

Ready to use: No configuration required for use

**Description:**

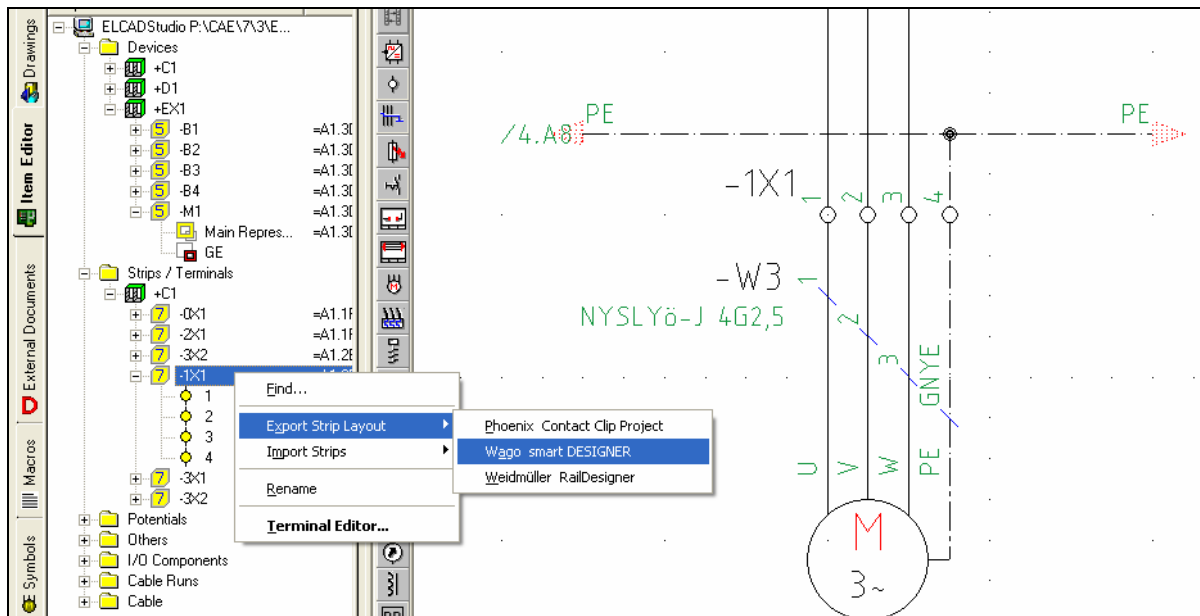
External Destination	Terminal Strip				Hardware	Internal Destination						
	Terminal Level	Terminal Number	Type	Insert Bridge / WAGO Connection		Representation	Plant	Location	Ren	Connector		
Emergency stop I	1	1	+EX1	-B1	5	1	/4A3	-C1	-AA	10	X	Digital output
"	2	2	+EX1	-B1	5	2	/4A3	-C1	-AA	13	X	Digital input
"	3	3	+EX1	-B1	5	3	/4A3	-C1	-AA	16	X	Digital output
stop	1	4	+EX1	-B2	5	4	/4A4	-C1	-AA	14	X	Digital input
"	2	5	+EX1	-B2	5	5	/4A4	-C1	-AA	15	X	Digital input
Emergency stop F	1	6	+EX1	-B2	5	6	/4A4	-C1	-AA	15	X	Digital input
"	2	7	+EX1	-B2	5	7	/4A4	-C1	-AA	16	X	Digital input
"	3	8	+EX1	-B2	5	8	/4A4	-C1	-AA	16	X	Digital input

**License requirements:**

The interface is a component of the ELCAD version. No further licenses are required. The new interface is available from version 7.3.1. Users of the current interface can continue to use this. ELCAD will continue to offer both solutions for several years hence. Engineering Base supports the interface from version 3.0.

**Call of the interface:**

The export and import functions are called directly from the object tree:



Configurations are not required for using the data transfer – the solution can be used immediately without further effort.