

## 2023 Series Update 2

This package includes all updates for Electro Graphics products 2023 Series.  
Following a description of the new features and corrections.

### CADelet, iDEA, Eplus

#### Associate an auxiliary scheme to the unit

In the macroblock selection window for the auxiliary diagrams, the drop-down list for selecting the graphic variant is now disabled. Previously the choice was active even if the software for the macroblocks dedicated to the design of the auxiliary circuits of the single-line diagram only manages the first graphic variant. It is possible to change the order of the graphic variants in the parametric macroblock editing window in the Macroblock library (see "Parametric macroblock library", in the "Macroblocks and Fast Builder" chapter of the reference guide).

#### Node insertion from library, with automatic connection active

Corrected anomalous insertion of the Node symbol from the symbol library, when the automatic symbol connection mode is active.

#### Equipment control

Improved the association of non-compliant contacts by symbol class.

#### Cross Reference

Fixed cases of fatal error during background cross reference update operations on diagrams with multiple associated drawings.

#### PLC

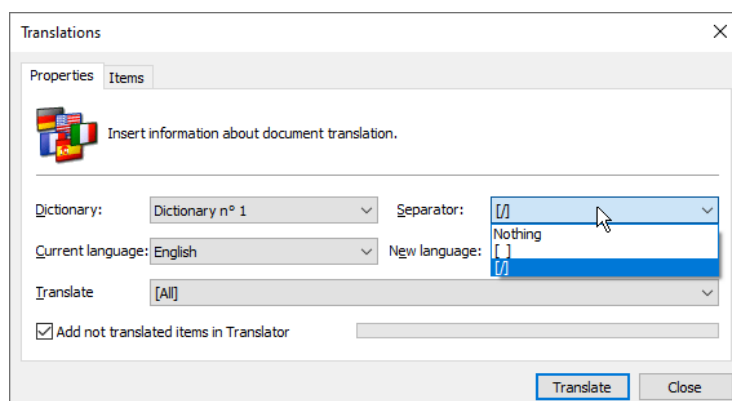
The possibility of inserting the symbol associated with the PLC rack in the current drawing has been reactivated.

#### PLC - Translations with separator

Texts in which the selected string separator character is detected are translated as single sequential sentences instead of a single sentence. This avoids having to enter complex sentences in the Dictionary.

Now also the translation of the descriptive fields of the Plc elements (Description 1, Description 2 and Notes of the operands, Description 1 and Description 2 of the racks and boards) recognizes any string separators.

In the window that starts the translation in PLC Management it is possible to choose the options [/], [ ] and "None" as string separator character.



#### Translator

Wildcards are now allowed in the local dictionary of untranslated entries as well. Regarding the use of wildcards, see "Translating Entries with special wildcard characters" in the "Translations" chapter of the reference guide).

#### Conduits

Corrected anomaly in the execution of the Change duct height command (ALTCONDOTTO).

#### Auxiliary networks

Using the Select objects command, it is now possible to assign the same graphical symbol to several units defined in the network. For object selection, see "Generic auxiliary network" in the "Networks" chapter of the reference guide).

#### Cable laying table

Improved the automatic drawing of the cable laying table with Osnap mode active.

#### Cable detail diagram

Corrected the automatic drawing of the cable detail diagram with multiple selection of cables.

#### Units cable table

User-defined single core cable code information is now added in the Units cable table.

## linea Ampère

### Associate an auxiliary scheme to the unit

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### Prints

Fixed an error when starting the printout report preview.

### Capability curve

Corrected the analysis of the Capability Curve in a network with photovoltaic inverters, when some MPPTs are off, therefore with zero power.

### Phase connection

Following a modification made to an electrical line, Ampère adapts the connection of the unit phases to ensure consistency with nearby users. This functionality is now disabled in parts of networks with parallel or ring branches, which contain single-phase rectifiers, as in the alternating current regime the phases could be deliberately different. In these situations, the designer is required to modify the utilities that the software signals as inconsistent.

### Carpentry

Fixed an error when assigning carpentry when creating the first panel of a project.

## Solergo

### Interface protection

Update to CEI 0-21 relating to the conditions which require the use of an external interface device in systems below 11.08 kW.

### Inverters

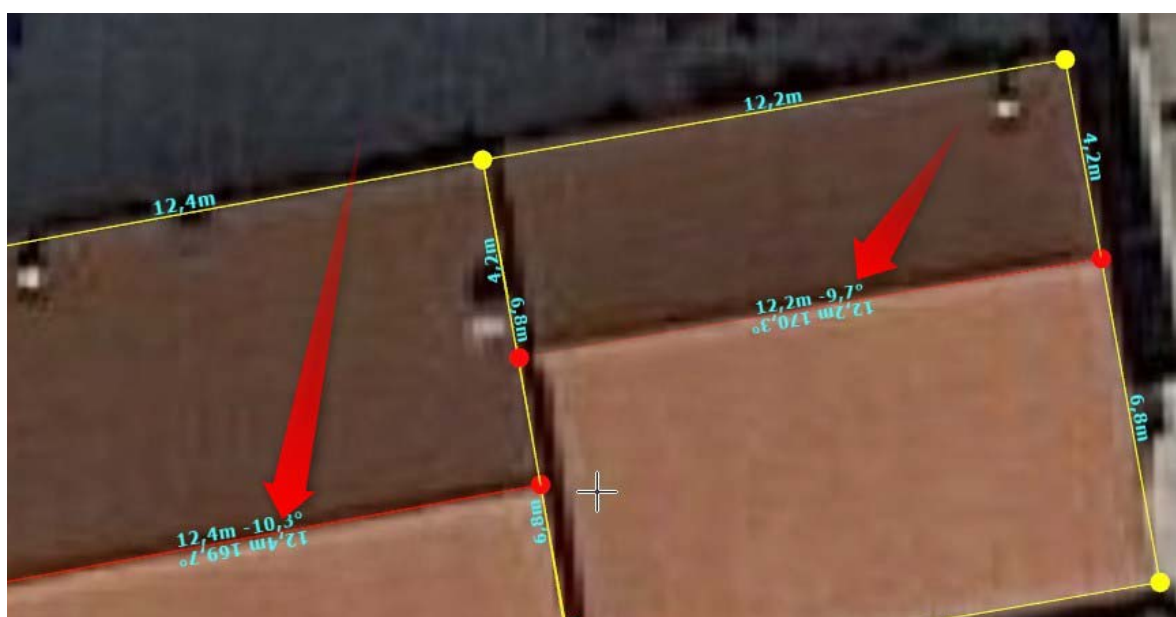
It is now possible to use inverters for optimizers (Solar Edge) in projects with a single plant inverter.

### Remote self-consumption

The availability cost calculation has been restored for units other than the first in remote self-consumption configuration.

### 3D layouts

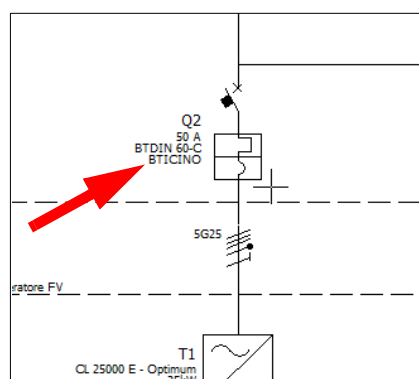
Add the label showing the orientation on all module placement areas of the 3D layout.



During the design and modification of the installation areas of the modules, Solergo automatically hooks the segments that form angles of 45° and multiples between them. When defining very precise areas, this aid may not be advantageous: it is now possible to disable it by holding down the CTRL key while editing.

### Wiring diagram

The manufacturer of the switches is now also shown by default on the circuit diagram.



### System with accumulation

Corrected anomaly in the calculation of the tax credit in the presence of the cost of the accumulation system in the metric calculation.

#### Documentation

Updated the standard templates of the General Report in the part concerning the references to the standards.

## Tabula

#### Print and export

Fixed anomaly during print preview or export to Excel spreadsheet of the bill of materials.

## All products

#### Articles archive - Utility for placing the manufacturer code before all articles

When executing the function (see "Prepend the manufacturer code" in the "Material Archives" chapter of the "Job orders and archives" reference guide) it is now required whether to also keep the original material code, which would be marked as replaced with the new code. This option allows you to facilitate the maintenance of old projects and the transition to the new material coding. The Prepend Manufacturer Code utility is started from the Windows application menu: choose Electro Graphics 2023 Series > Utilities.

Fixed loss of link to associated documents when converting codes.

#### Device archive - Protections

Fixed the saving of the value set in Max nominal voltage in Coefficients - Direct current.

#### Orders

Fixed slowdown in loading the order list after activating additional columns in the list.

Corrected anomaly where the description associated with a job order file was not displayed. In particular, it could happen for files with names containing the character "-" and for files renamed by changing uppercase and lowercase.

#### Other fixes and improvements

Fixed additional specific anomalies related to isolated cases.