

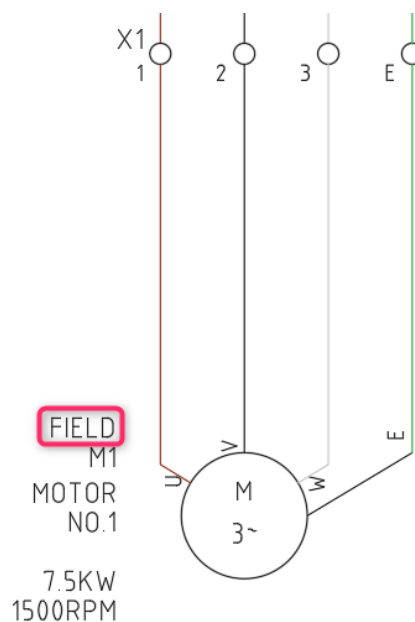
Assigning Multi-Core Cables Globally

AutoCAD Electrical 2019


AutoCAD® Electrical can assign cable core detail (for multi-core cables) either individually or by a single operation multiple insertion. The representation of these cable markers can also consider screens and tie-backs. AutoCAD® Electrical provides a few special shield symbols that graphically represent the cable shield type.

We will look at how you assign a multi-core cable which may go across several drawings. From an Excel type interface, the user can assign multi-core cable detail and the information will back update the project which may affect either a single drawing or multiple drawings.

Create a simple circuit such as:



The key point is to specify the Installation and Location values. In the example above, we have specified the motor as being in the FIELD as the LOCATION

Select *Schematic* ribbon tab > *Insert Wires/Wire Numbers* panel >  Cable Markers ↓

Select  Multiple Cable Markers

Select *Project*

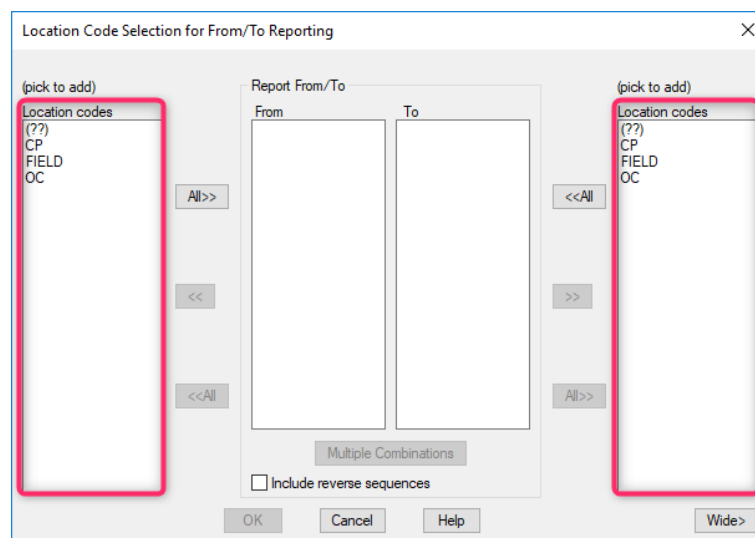
Select

Select if prompted to save your current drawing

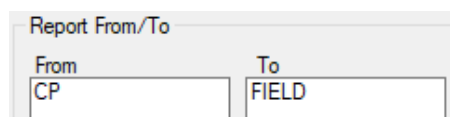
Select

Select

You will then see the following dialogue where you can pick and filter the information based on the LOCATIONS

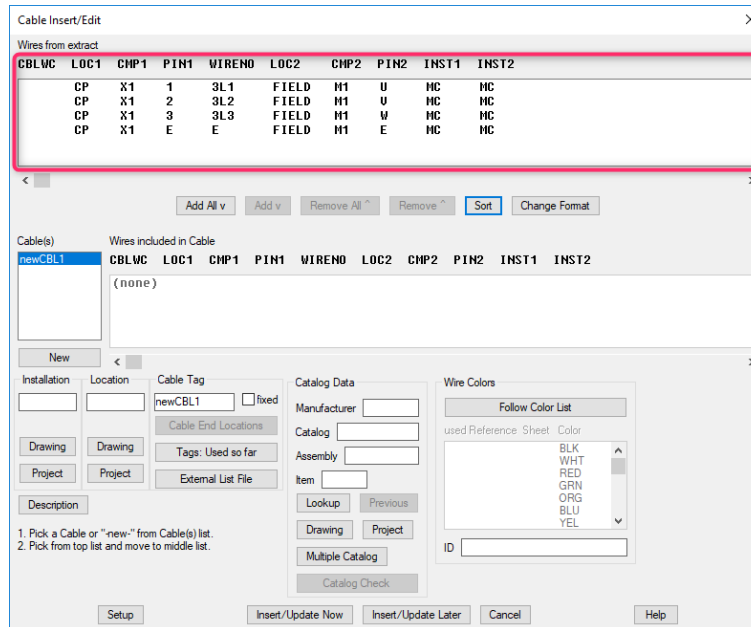


In this example we are wanting to connect between the terminals in LOCATION *CP* and the motor in LOCATION *FIELD*



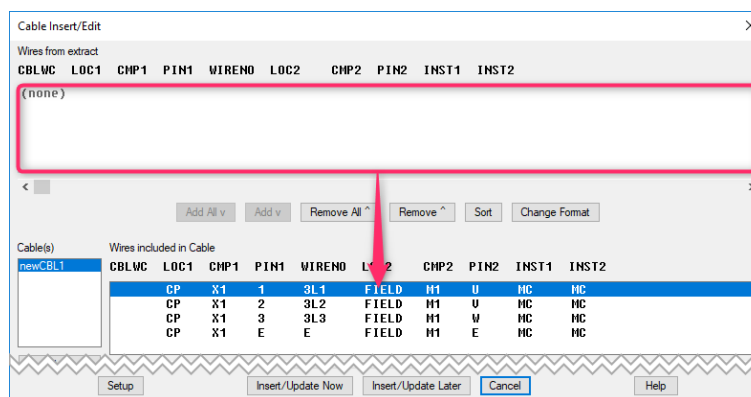
Select

The connection information will be shown in the top area of the dialogue shown:



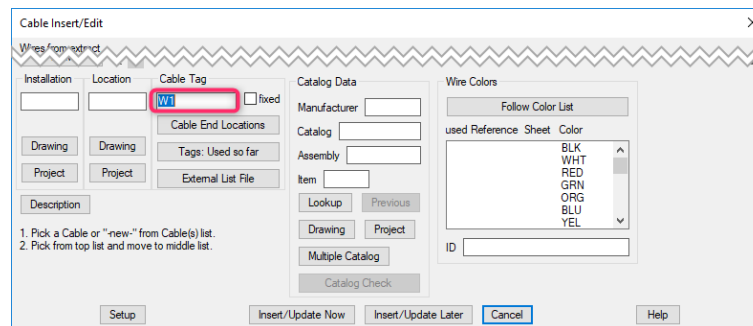
Either use **Add All v** or **Add v** depending on what you would like to include as part of the cables core connections

In this example, select **Add All v**



The information will move into the *Wires included in the cable* section

Change the cable tag to the next available



You can select **Tags: Used so far** to see the cable tags that have been used in the project

You can either select **Lookup** and assign a *manufacturer* and *catalogue* number or select **Follow Color List**

Select **Follow Color List** and AutoCAD® Electrical will append the cores to the wires to be included in the cable

If you wish to have core colours in accordance with the European norm for cable colours (DIN47100) you should install the [Cadline Localiser](#)

Select **Insert/Update Now** to update your drawings now OR **Insert/Update Later** to update your drawings later!