

**Installation Instructions for the CADSYM**  
**ELECTRICAL ANSI Y32.2**  
**Symbol Library.**

**NOTE: IF YOU ARE USING THE DEMO VERSION OF THIS LIBRARY, ONLY THE TOP LEFT HAND SYMBOL IN EACH SELECTED DROPDOWN MENU IS ACTIVE. PICKING ANY OTHER SYMBOL WILL CAUSE AUTOCAD TO PRODUCE AN ERROR MESSAGE. IF YOU HAVE PURCHASED A CD, THIS DOCUMENT FILE AND SETUP EXECUTABLE FILE CAN BE FOUND IN THE FOLDER NAMED:**

**ELECTRICAL ANSI Y32**

The installation consists of two parts. First to install the files onto your hard drive, and secondly to configure AutoCAD or LT.

**Installation of program**

Double click on the 'setup.exe' file you have just downloaded. Follow the screen instructions and a C:\CADSYM65 folder will be created. The symbol files and support files will then load into that folder.

**Configuring your version of AutoCAD or LT**

***AutoCAD LT 95***

**Run AutoCAD.**

**To set search path**

- From the AutoCAD menu bar, go to 'Tools' > 'Preferences'
- Click on 'File System' tab
- Select 'Support Dirs' .
- Click on 'Add' button
- Type C:\CADSYM65.
- Click on 'Close' button

**To install partial menu**

- From the AutoCAD menu bar, go to 'Tools' > 'Customize Menus'
- Click on 'Menu Groups' file tab.
- Click on 'Browse' button.
- Navigate to the C:\CADSYM65 folder.
- Make sure that 'Files of type' box is set to 'Menu Files (\*.mnc;\*.mns)'
- Click on 'P65\_Y32\_A.MNS'
- Click on 'Open' button. 'C:\CADSYM65\P65\_Y32\_A.MNS' should appear in 'File Name:' box.
- Click on 'Load' button, then 'Close'.

**To position partial menu headings on AutoCAD menu bar.**

- Click on 'Menu Bar' file tab.
- Open 'Menu Group:' drop list.
- Highlight 'ELECTRICAL\_Y32'.
- In 'Menus:' window, highlight menu to be inserted.
- In 'Menu bar:' window, highlight 'Format'.
- Click on 'Insert' button and selected menu heading will appear in the AutoCAD menu bar at top of screen. (The inserted menu heading will appear, to the left of 'Format' in the AutoCAD menu bar at top of screen. You can choose other positions.)
- Repeat for the other menus, if required.

Click on 'Close'

Your menu is now loaded

### **Some useful tips.**

To ensure that wires and lines that interconnect symbols, line up correctly, make sure that the Snap value on your drawing sheet is set correctly. This is automatically done for you if you use one of the CADSYM prepared drawing sheets found at the bottom of the dropdown menus.

If you are using your own drawing sheets, the Snap values are:

0.2 for Imperial (standard) sized sheets.

8.0 for Metric sized sheets.

It is recommended that you click on 'Set Parameters' towards the top of each dropdown menu. This action will set the 'Snap', 'Grid' and 'Linetype'

## ***AutoCAD R14, LT 97 & LT98***

### **Run AutoCAD.**

#### **To set search path**

From the AutoCAD menu bar, go to 'Tools' > 'Preferences'

Click on 'Files' tab

Click on 'Support File Search Path' to highlight it.

Click on 'Add' button

Type C:\CADSYM65, depending upon library being installed.

Click on 'Apply', then 'OK' buttons in 'Options' window.

#### **To install partial menu**

From the AutoCAD menu bar, go to 'Tools' > 'Customize Menus'

Click on 'Menu Groups' file tab.

Click on 'Browse' button.

Navigate to the C:\CADSYM65 folder.

Make sure that 'Files of type' box is set to 'Menu Files (\*.mnc;\*.mns)'

Click on 'P65\_Y32\_B.MNS'

Click on 'Open' button. 'C:\CADSYM65\P65\_Y32\_B.MNS' should appear in 'File Name:' box.

Click on 'Load' button, then 'Close'.

#### **To position partial menu headings on AutoCAD menu bar.**

Click on 'Menu Bar' file tab.

Open 'Menu Group:' drop list.

Highlight 'ELECTRICAL\_Y32'.

In 'Menus:' window, highlight menu heading to be inserted.

In 'Menu bar:' window, highlight 'Format'.

Click on 'Insert' button and selected menu heading will appear in the AutoCAD menu bar at top of screen. (The inserted menu heading will appear to the left of 'Format', in the AutoCAD menu bar at top of screen.) You can choose other positions.)

Repeat for the other menu headings, if required.

Click on 'Close'

Your menu is now loaded

### **Some useful tips.**

To ensure that wires and lines that interconnect symbols, line up correctly, make sure that the Snap value on your drawing sheet is set correctly. This is automatically done for you if you use one of the CADSYM prepared drawing sheets found at the bottom of the dropdown menus.

If you are using your own drawing sheets, the Snap values are:

0.2 for Imperial (standard) sized sheets.

8.0 for Metric sized sheets.

It is recommended that you click on 'Set Parameters' towards the top of each dropdown menu. This action will set the 'Snap', 'Grid' and 'Linetype'

## ***AutoCAD & LT versions of 2000/1/2/3/4/5***

### **Run AutoCAD.**

#### **To set search path**

From the AutoCAD menu bar, go to 'Tools' > 'Options'

Click on 'Files' tab, if not already on top.

Click on 'Support File Search Path'. To open it. (click on '+' sign).

Click on 'Add' button

Type C:\CADSYM65.

Click on 'Apply', then 'OK' buttons in 'Options' window.

#### **To install partial menu**

From the AutoCAD menu bar, go to 'Tools' > 'Customize' > 'Menus'

Click on 'Menu Groups' file tab.

Click on 'Browse' button.

Navigate to the C:\CADSYM65 folder.

Make sure that 'Files of type' box is set to 'Menu Files (\*.mnc;\*.mns)'

Click on 'P65\_Y32\_C.MNS'

Click on 'Open' button. 'C:\CADSYM65\P65\_Y32\_C.MNS' should appear in 'File Name:' box.

Click on 'Load' button, then 'Close'.

#### **To position partial menu headings on AutoCAD menu bar.**

Click on 'Menu Bar' file tab.

Open 'Menu Group:' drop list.

Highlight 'ELECTRICAL\_Y32'

In 'Menus:' window, highlight menu to be inserted.

In 'Menu bar:' window, highlight 'Format'.

Click on 'Insert' button and selected menu heading will appear in the AutoCAD menu bar at top of screen. (The inserted menu heading will appear to the left of 'Format' in the AutoCAD menu bar at top of screen. You can choose other positions.)

Click on 'Close'

Your menu is now loaded

### **Some useful tips.**

To ensure that wires and lines that interconnect symbols, line up correctly, make sure that the Snap value on your drawing sheet is set correctly. This is automatically done for you if you use one of the

CADSYM prepared drawing sheets found at the bottom of the dropdown menus.

If you are using your own drawing sheets, the Snap values are:

0.2 for Imperial (standard) sized sheets.

8.0 for Metric sized sheets.

It is recommended that you click on 'Set Parameters' towards the top of each dropdown menu. This action will set the 'Snap', 'Grid' and 'Linetype'

## ***AutoCAD & LT versions of 2006/7/8***

### **Run AutoCAD.**

#### **To set search path**

From the AutoCAD menu bar, go to 'Tools' > 'Options' .

Click on 'Files' tab, if not already on top.

Click on 'Support File Search Path'. To open it. (click on '+' sign).

Click on 'Add' button.

Type C:\CADSYM65 in empty box.

Click on 'Apply', then 'OK' buttons in 'Options' window.

#### **To load partial menu**

Type 'cuiload' on command line. 'Enter'.

Click on 'Browse' in 'Load/Unload Customizations' dialog box.

In 'Files of type:' select 'Customized User Information (\*.cui)'.

In 'Select Customization File' dialog box, 'Look in' C:\CADSYM65.

Highlight 'P65\_Y32\_D.CUI'

'C:\CADSYM65\P65\_Y32\_D.CUI' should now appear in 'File name' box.

Click on 'Open'.

Click on 'Load' in 'Load/Unload Customizations' dialog box.

'ELECTRICAL\_Y32' should now appear in 'Loaded Customization Groups:' window.

Click on 'Close'

Y32.2(Imp.) should now appear on the Menu Bar..

#### **To select menu headings within partial menu**

Type 'cui' , and hit 'Enter'. 'Customize User Interface' dialog box should appear.

In the 'Customizations in All CUI Files' window, open 'Workspaces', and then depending upon the release of AutoCAD being used, right click on either 'AutoCAD Default', 'AutoCAD Classic Default' or 'AutoCAD Classic'.

From the dropdown menu, click on 'Duplicate'

Highlighted 'Copy of AutoCAD Classic' (*or whatever*) appears.

Right click on highlighted 'Copy of AutoCAD Classic'

From dropdown menu, click on 'Rename' and type 'CADSYM'.

Hit 'Enter'.

Right click on 'CADSYM', and from the dropdown menu, click on 'Set Current'.

Right click on 'CADSYM' again, and from the dropdown menu click on 'Customize Workspace'. In the 'Workspace Contents' pane, 'Customize Workspace' changes to 'Done'.

Open 'Menus', in the 'Workspace Contents' window.

In the 'Customizations in All CUI Files' window, open 'Partial CUI Files'.

Open 'ELECTRICAL\_Y32', Open 'Menus'.

Click on check box to the left of 'Menus' (a tick means 'selected').

Click on check boxes to the left of required menu headings. The selected menu headings should now appear at the bottom of the list of menus appearing in the 'Workspace Contents' window.

#### **To position menu headings on AutoCAD menu bar**

In the 'Workspace Contents' window, left click on a CADSYM menu heading and drag it to the required position. For example, if 'Y32.2(Imp.)' is required to be located between 'Format' and 'Tools', drag 'Y32.2(Imp.)' up the list until the horizontal bar lies between 'Format' and 'Tools'.  
Click on 'Done', 'Apply', then 'OK'.

#### **To remove a CADSYM heading from an AutoCAD menu bar**

Type "cui" on command line and hit 'Enter'. 'Customize User Interface' dialog box should appear.

In the 'Customizations in All CUI Files' window, under 'Workspaces' right click on the required workspace. For example 'CADSYM'

In the 'Workspace Contents' window, click on 'Customize Workspace'. This changes to 'Done'.

Open 'Menus'.

In the 'Customizations in All CUI Files' window, open 'Partial CUI Files', Open 'ELECTRICAL\_Y32', Open 'Menus'.

Click on ticked check boxes to the left of menu headings to be removed. (This will remove the check mark). The selected menu headings should now be removed from the bottom of the list of menus appearing in the 'Workspace Contents' window.

Click on 'Done' again, then 'Apply', and then 'OK'.

Notes:-

- 1) The above installation procedure has created a Workspace named 'CADSYM'. If you do not wish to use the symbol libraries, click on 'Window' on the menu bar and then 'Workspaces' and then 'AutoCAD Default'

Your menu is now loaded.

#### **Some useful tips.**

To ensure that wires and lines that interconnect symbols, line up correctly, make sure that the Snap value on your drawing sheet is set correctly. This is automatically done for you if you use one of the CADSYM prepared drawing sheets found at the bottom of the dropdown menus.

If you are using your own drawing sheets, the Snap values are:

0.2 for Imperial (standard) sized sheets.

8.0 for Metric sized sheets.

It is recommended that you click on 'Set Parameters' towards the top of each dropdown menu. This action will set the 'Snap', 'Grid' and 'Linetype'

## ***AutoCAD & LT versions of 2009/10/11***

### **Run AutoCAD.**

**Note:** The 'Menu' can now be displayed in two ways, 'AutoCAD Classic' and the new 'Ribbon'

Toolbar'. To change the display to 'AutoCAD Classic', type 'Menubar' and hit 'Enter'. 'Enter new value for MENUBAR <0>:' will appear on the cursor. Change the <0> to <1>, and hit 'Enter'. >Menubar will appear.

#### **To set search path**

From the AutoCAD menu bar or browser, go to 'Tools' > 'Options' .  
Click on 'Files' tab, if not already on top.  
Click on 'Support File Search Path'. To open it. (click on '+' sign).  
Click on 'Add' button.  
Type C:\CADSYM65 in empty box.  
Click on 'Apply', then 'OK' buttons in 'Options' window.

#### **To load partial menu**

Type 'cuiload' on command line. 'Enter'.  
Click on 'Browse' in 'Load/Unload Customizations' dialog box.  
In 'Files of type:' select 'Customized User Information (\*.cui)'.  
In 'Select Customization File' dialog box, 'Look in' C:\CADSYM65.  
Highlight 'P65\_Y32\_D.CUI'  
'C:\CADSYM65\P65\_Y32\_D.CUI' should now appear in 'File name' box.  
Click on 'Open'.  
Click on 'Load' in 'Load/Unload Customizations' dialog box.  
'ELECTRICAL\_Y32' should now appear in 'Loaded Customization Groups:' window.  
Click on 'Close'  
Y32.2(Imp.) Y32.2(Met.) should now appear on the Menu Bar.

#### **To select menu headings within partial menu**

Type 'cui', and hit 'Enter'. 'Customize User Interface' dialog box should appear.  
In the 'Customizations in All CUI Files' pane, open 'Workspaces', (if not already open), then right click on 'AutoCAD Classic'.  
From the dropdown menu, click on 'Duplicate'.  
Highlighted 'Copy of AutoCAD Classic1' appears.  
Right click on highlighted 'Copy of AutoCAD Classic1'  
From dropdown menu, click on 'Rename' and type 'CADSYM'.  
Hit 'Enter'.  
Right click on 'CADSYM', and from the dropdown menu, click on 'Set Current'.  
Right click on 'CADSYM' again, and from the dropdown menu, click on 'Customize Workspace'. This changes the 'Properties' group to 'Workspace Contents' group.  
Open 'Menus', in the 'Workspace Contents' pane.  
In the 'Customizations in All CUI Files' pane, open 'Partial Customization Files'.  
Open 'ELECTRICAL\_Y32'  
Open 'Menus'.  
Select menu headings by checking the appropriate check box to the left of required menu headings (a tick means 'selected').  
The selected menu headings should now appear at the bottom of the list of menus appearing in the 'Workspace Contents' pane

#### **To position menu headings on AutoCAD menu bar**

In the 'Workspace Contents' pane, left click on a CADSYM menu heading

and drag it to the required position. For example, if 'Y32.2(Imp.)' is required to be located between 'Format' and 'Tools', drag 'Y32.2(Imp.)' up the list until the horizontal bar lies between 'Format' and 'Tools'.

Repeat, for the other menu headings

Click on 'Done', 'Apply', then 'OK'.

**Note:-** *In order to read the menu bar correctly, it may be necessary to open the 'Workspaces Settings' toolbar and toggle between 'CADSYM' and 'AutoCAD Classic'. If the toolbar is not open, right click on any toolbar then click on 'Workspaces'.*

### **To remove a CADSYM heading from an AutoCAD menu bar**

Type "cui" on command line and hit 'Enter'. 'Customize User Interface' dialog box should appear.

In the 'Customizations in All CUI Files' pane, under 'Workspaces' right click on the required workspace. For example 'CADSYM'

From the dropdown menu, click on 'Customize Workspace'. This changes the wording of the 'Customize Workspace' button in the 'Workspace Contents' window to read 'Done'.

Open 'Menus' in the 'Workspace Contents' window.

In the 'Customizations in All CUI Files' window, open 'Partial CUI Files',

Open 'ELECTRICAL\_Y32',

Open 'Menus'.

Click on ticked check boxes to the left of menu headings to be removed.

(This will remove the check mark). The selected menu headings should now be removed from the list of menus appearing in the 'Workspace Contents' window.

Click on 'Done', then 'Apply', and then 'OK'.

### **Notes:-**

*The above installation procedure has created a Workspace named 'CADSYM'. If you do not wish to use the symbol libraries, open the 'Workspaces Settings' toolbar and deselect the 'CADSYM' workspace.*

Your menu is now loaded. **Some useful tips.**

To ensure that wires and lines that interconnect symbols, line up correctly, make sure that the Snap value on your drawing sheet is set correctly. This is automatically done for you if you use one of the CADSYM prepared drawing sheets found at the bottom of the dropdown menus.

If you are using your own drawing sheets, the Snap values are:

0.2 for Imperial (standard) sized sheets.

8.0 for Metric sized sheets.

It is recommended that you click on 'Set Parameters' towards the top of each dropdown menu. This action will set the 'Snap', 'Grid' and 'Linetype'

## ***AutoCAD & LT versions of 2012/13/14***

### **Run AutoCAD.**

**Note:** The 'Menu' can now be displayed in two ways, 'AutoCAD Classic' and the new 'Ribbon Toolbar'. To change the display to 'AutoCAD Classic', type 'Menubar' and hit 'Enter'. 'Enter new value for MENUBAR <0>:' will appear on the cursor. Change the <0> to <1>, and hit 'Enter'. >Menubar will appear.

### **To set search path**

From the AutoCAD menu bar or browser, go to 'Tools' > 'Options' .  
Click on 'Files' tab, if not already on top.  
Click on 'Support File Search Path'. To open it. (click on '+' sign).  
Click on 'Add' button.  
Type C:\CADSYM65 in empty box.  
Click on 'Apply', then 'OK' buttons in 'Options' window.

### **To load partial menu**

Type 'cuiload' on command line. 'Enter'.  
Click on 'Browse' in 'Load/Unload Customizations' dialog box.  
In 'Files of type:' select 'Customized User Information (\*.cuix)'.  
In 'Select Customization File' dialog box, 'Look in' C:\CADSYM65.  
Highlight 'P65\_Y32\_E.CUIX'  
'C:\CADSYM65\P65\_Y32\_E.CUIX' should now appear in 'File name' box.  
Click on 'Open'.  
Click on 'Load' in 'Load/Unload Customizations' dialog box.  
'ELECTRICAL\_Y32' should now appear in 'Loaded Customization Groups:' window.  
Click on 'Close'  
Y32.2(Imp.) Y32.2(Met.) should now appear on the Menu Bar.

### **To select menu headings within partial menu**

Type 'cui', and hit 'Enter'. 'Customize User Interface' dialog box should appear.  
In the 'Customizations in All CUI Files pane, open 'Workspaces', (if not already open), then right click on 'AutoCAD Classic'.  
From the dropdown menu, click on 'Duplicate'.  
Highlighted 'Copy of AutoCAD Classic1' appears.  
Right click on highlighted 'Copy of AutoCAD Classic1'  
From dropdown menu, click on 'Rename' and type 'CADSYM'.  
Hit 'Enter'.  
Right click on 'CADSYM', and from the dropdown menu, click on 'Set Current'.  
Right click on 'CADSYM' again, and from the dropdown menu, click on 'Customize Workspace'. This changes the 'Properties' group to 'Workspace Contents' group.  
Open 'Menus', in the 'Workspace Contents' pane.  
In the 'Customizations in All CUI Files pane, open 'Partial Customization Files'.  
Open 'ELECTRICAL\_Y32'  
Open 'Menus'.  
Select menu headings by checking the appropriate check box to the left of required menu headings (a tick means 'selected').



The selected menu headings should now appear at the bottom of the list of menus appearing in the 'Workspace Contents' pane

#### **To position menu headings on AutoCAD menu bar**

In the 'Workspace Contents' pane, left click on a CADSYM menu heading and drag it to the required position. For example, if 'Y32.2(Imp.)' is required to be located between 'Format' and 'Tools', drag 'Y32.2(Imp.)' up the list until the horizontal bar lies between 'Format' and 'Tools'.

Repeat, for the other menu headings

Click on 'Done', 'Apply', then 'OK'.

**Note:-** *In order to read the menu bar correctly, it may be necessary to open the 'Workspaces Settings' toolbar and toggle between 'CADSYM' and 'AutoCAD Classic'. If the toolbar is not open, right click on any toolbar then click on 'Workspaces'.*

#### **To remove a CADSYM heading from an AutoCAD menu bar**

Type "cui" on command line and hit 'Enter'. 'Customize User Interface' dialog box should appear.

In the 'Customizations in All CUI Files' pane, under 'Workspaces' right click on the required workspace. For example 'CADSYM'

From the dropdown menu, click on 'Customize Workspace'. This changes the wording of the 'Customize Workspace' button in the 'Workspace Contents' window to read 'Done'.

Open 'Menus' in the 'Workspace Contents' window.

In the 'Customizations in All CUI Files' window, open 'Partial CUI Files',

Open 'ELECTRICAL\_Y32',

Open 'Menus'.

Click on ticked check boxes to the left of menu headings to be removed.

(This will remove the check mark). The selected menu headings should now be removed from the list of menus appearing in the 'Workspace Contents' window.

Click on 'Done', then 'Apply', and then 'OK'.

#### **Notes:-**

*The above installation procedure has created a Workspace named 'CADSYM'. If you do not wish to use the symbol libraries, open the 'Workspaces Settings' toolbar and deselect the 'CADSYM' workspace.*

Your menu is now loaded.

#### **Some useful tips.**

To ensure that wires and lines that interconnect symbols, line up correctly, make sure that the Snap value on your drawing sheet is set correctly. This is automatically done for you if you use one of the CADSYM prepared drawing sheets found at the bottom of the dropdown menus.

If you are using your own drawing sheets, the Snap values are:

0.2 for Imperial (standard) sized sheets.

8.0 for Metric sized sheets.

It is recommended that you click on 'Set Parameters' towards the top of each dropdown menu. This action will set the 'Snap', 'Grid' and 'Linetype'

## **AutoCAD & LT versions of 2015**

**Run AutoCAD.**

**Note:**

To display the CADSYM menus, it is necessary to display the AutoCAD traditional 'Classic' Menubar. To the left of the header, at the top of the screen is a symbol consisting of an inverted triangle with a short dash above it. Click on this symbol, and from the drop down menu, click on "Show Menu Bar.

The traditional 'Classic' menubar should now appear, above the ribbon menu.

**To set search path**

From the AutoCAD menu bar or browser, go to 'Tools' > 'Options' .

Click on 'Files' tab, if not already on top.

Click on 'Support File Search Path'. To open it. (click on '+' sign).

Click on 'Add' button.

Type C:\CADSYM65 in empty box.

Click on 'Apply', then 'OK' buttons in 'Options' window.

**To load partial menu**

Type 'cuiload' on command line. 'Enter'.

Click on 'Browse' in 'Load/Unload Customizations' dialog box.

In 'Files of type:'select 'Customized User Information (\*.cuix)'.

In Select Customization File' dialog box, 'Look in' C:\CADSYM65.

Highlight 'P65\_Y32\_E.CUIX

'C:\CADSYM65\P65\_Y32\_E.CUIX' should now appear in 'File name' box.

Click on 'Open'.

Click on 'Load' in 'Load/Unload Customizations' dialog box.

'ELECTRICAL\_Y32 should now appear in 'Loaded Customization Groups:' window.

Click on 'Close'

Y32.2(Imp.) Y32.2(Met.) should now appear on the Menu Bar.

**To select menu headings within partial menu**

Type 'cui', and hit 'Enter'. 'Customize User Interface' dialog box should appear.

In the 'Customizations in All CUI Files pane, open 'Workspaces', (if not already open), then right click on 'AutoCAD Classic'.

From the dropdown menu, click on 'Duplicate'.

Highlighted 'Copy of AutoCAD Classic1' appears.

Right click on highlighted 'Copy of AutoCAD Classic1'

From dropdown menu, click on 'Rename' and type 'CADSYM'.

Hit 'Enter'.

Right click on 'CADSYM', and from the dropdown menu, click on 'Set Current'.

Right click on 'CADSYM' again, and from the dropdown menu, click on

'Customize Workspace'. This changes the 'Properties' group to 'Workspace Contents' group.

Open 'Menus', in the 'Workspace Contents' pane.

In the 'Customizations in All CUI Files pane, open 'Partial Customization Files'.

Open 'ELECTRICAL\_Y32'

Open 'Menus'.

Select menu headings by checking the appropriate check box to the left of required menu headings (a tick means 'selected').

The selected menu headings should now appear at the bottom of the list of menus appearing in the 'Workspace Contents' pane

#### **To position menu headings on AutoCAD menu bar**

In the 'Workspace Contents' pane, left click on a CADSYM menu heading and drag it to the required position. For example, if 'Y32.2(Imp.)' is required to be located between 'Format' and 'Tools', drag 'Y32.2(Imp.)' up the list until the horizontal bar lies between 'Format' and 'Tools'.

Repeat, for the other menu headings

Click on 'Done', 'Apply', then 'OK'.

**Note:-** *In order to read the menu bar correctly, it may be necessary to open the 'Workspaces Settings' toolbar and toggle between 'CADSYM' and 'AutoCAD Classic'. If the toolbar is not open, right click on any toolbar then click on 'Workspaces'.*

#### **To remove a CADSYM heading from an AutoCAD menu bar**

Type "cui" on command line and hit 'Enter'. 'Customize User Interface' dialog box should appear.

In the 'Customizations in All CUI Files' pane, under 'Workspaces' right click on the required workspace. For example 'CADSYM'

From the dropdown menu, click on 'Customize Workspace'. This changes the wording of the 'Customize Workspace' button in the 'Workspace Contents' window to read 'Done'.

Open 'Menus' in the 'Workspace Contents' window.

In the 'Customizations in All CUI Files' window, open 'Partial CUI Files',

Open 'ELECTRICAL\_Y32',

Open 'Menus'.

Click on ticked check boxes to the left of menu headings to be removed.

(This will remove the check mark). The selected menu headings should now be removed from the list of menus appearing in the 'Workspace Contents' window.

Click on 'Done', then 'Apply', and then 'OK'.

#### **Notes:-**

*The above installation procedure has created a Workspace named 'CADSYM'. If you do not wish to use the symbol libraries, open the 'Workspaces Settings' toolbar and deselect the 'CADSYM' workspace.*

Your menu is now loaded.

#### **Some useful tips.**

To ensure that wires and lines that interconnect symbols, line up correctly, make sure that the Snap value on your drawing sheet is set correctly. This is automatically done for you if you use one of the CADSYM prepared drawing sheets found at the bottom of the dropdown menus.

If you are using your own drawing sheets, the Snap values are:

0.2 for Imperial (standard) sized sheets.

8.0 for Metric sized sheets.

It is recommended that you click on 'Set Parameters' towards the top of each dropdown menu. This action will set the 'Snap', 'Grid' and 'Linetype'

## **AutoCAD & LT versions of 2016 & Newer**

## Run AutoCAD.

### Note:

To display the CADSYM menus, it is necessary to display the AutoCAD traditional 'Classic' Menubar. To the left of the header, at the top of the screen is a symbol consisting of an inverted triangle with a short dash above it. Click on this symbol, and from the drop down menu, click on "Show Menu Bar". Alternatively, type ' Menubar ', hit ' Enter ', change the ' 0 ' for a ' 1 ', and hit ' Enter '.

The traditional 'Classic' menubar should now appear, above the ribbon menu.

### To set search path

From the AutoCAD menu bar or browser, go to 'Tools' > 'Options' .

Click on 'Files' tab, if not already on top.

Click on 'Support File Search Path'. To open it. (click on '+' sign).

Click on 'Add' button.

Type C:\CADSYM65 in empty box.

Click on 'Apply', then 'OK' buttons in 'Options' window.

### To load partial menu

Type 'cuiload', which should appear in the drawing area, by the mouse cursor.  
Hit 'Enter'.

Click on 'Browse' in 'Load/Unload Customizations' dialog box.

In 'Files of type: 'select 'Customized Files (\*.cuix)'.  
In Select Customization File' dialog box, 'Look in' C:\CADSYM65.

Highlight 'P65\_Y32\_E.CUIX

'C:\CADSYM65\P65\_Y32\_E.CUIX' should now appear in 'File name' box.

Click on 'Open'.

Click on 'Load' in 'Load/Unload Customizations' dialog box.

'ELECTRICAL\_Y32 should now appear in 'Loaded Customization Groups:' window.

Click on 'Close'

Y32.2(Imp.) Y32.2(Met.) should now appear on the Menu Bar.

### To select menu headings within partial menu heading

Type 'cui', and hit 'Enter'. 'Customize User Interface' dialog box should appear.

In the 'Customizations in All Files pane, open 'Workspaces', (if not already open), then right click on 'Drafting and Annotation Default'.

From the dropdown menu, click on 'Duplicate'.

Highlighted 'Copy of Drafting and Annotation 1' appears.

Right click on highlighted 'Copy of Drafting and Annotation 1'

From dropdown menu, click on 'Rename' and type 'CADSYM (EL\_Y32)'.

Hit 'Enter'.

Right click on 'CADSYM (EL\_Y32)', and from the dropdown menu, click on 'Set Current'.

Right click on 'CADSYM (EL\_Y32)' again, and from the dropdown menu click on 'Customize Workspace'. This changes the 'Properties' group to 'Workspace Contents' group.

Open 'Menus', in the 'Workspace Contents' pane.

In the 'Customizations in All CUI Files pane, open 'Partial Customization Files'.

Open 'ELECTRICAL\_Y32'

Open 'Menus'.

Select menu headings by checking the appropriate check box to the left of required menu headings (a tick means 'selected').

The selected menu headings should now appear at the bottom of the list of menus appearing in the 'Workspace Contents' pane.

#### **To position menu headings on AutoCAD menu bar**

In the 'Workspace Contents' pane, left click on a CADSYM menu heading and drag it to the required position. For example, if 'Y32.2(Imp.)' is required to be located between 'Format' and 'Tools', drag 'Y32.2(Imp.)' up the list until the horizontal bar lies between 'Format' and 'Tools'.

Repeat, for the other menu headings

Click on 'Done', 'Apply', then 'OK'.

**Note:-** *In order that the correct workspace menu bar appears, it may be necessary to open the 'Workspaces Settings' dropdown and select the appropriate CADSYM workspace. After selecting the required workspace, click on the 'inverted triangle with the bar above it', and select 'Show menu'*

#### **To remove a CADSYM heading from an AutoCAD menu bar**

Type "cui" on command line and hit 'Enter'. 'Customize User Interface' dialog box should appear.

In the 'Customizations in All Files' pane, under 'Workspaces' right click on the required workspace. For example 'CADSYM (EL\_Y32)'

From the dropdown menu, click on 'Customize Workspace'. This changes the wording of the 'Customize Workspace' button in the 'Workspace Contents' window to read 'Done'.

Open 'Menus' in the 'Workspace Contents' window.

In the 'Customizations in All CUI Files' window, open 'Partial CUI Files',

Open 'ELECTRICAL\_Y32',

Open 'Menus'.

Click on ticked check boxes to the left of menu headings to be removed.

(This will remove the check mark). The selected menu headings should now be removed from the list of menus appearing in the 'Workspace Contents' window.

Click on 'Done', then 'Apply', and then 'OK'.

#### **Notes:-**

- 2) The above installation procedure has created a Workspace named 'CADSYM\_(EL\_Y32)'. If you do not wish to use the symbol libraries, open the 'Workspaces Settings' dropdown and deselect the 'CADSYM' workspace.*

Your menu is now loaded.

#### **Some useful tips.**

To ensure that wires and lines that interconnect symbols, line up correctly, make sure that the Snap value on your drawing sheet is set correctly. This is automatically done for you if you use one of the CADSYM prepared drawing sheets found at the bottom of the dropdown menus.

If you are using your own drawing sheets, the Snap values are:

0.2 for Imperial (standard) sized sheets.

8.0 for Metric sized sheets.

It is recommended that you click on 'Set Parameters' towards the top of each dropdown menu. This action will set the 'Snap', 'Grid' and 'Linetype'

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