

## Getting Started with Klockner-Moeller S30

The system is started by executing 'Sucos6.exe' and opens into the 'Main Menu'. If this is not in English it can be changed by pressing F7 then F5 then F3. When the language has been set, return to the main menu with F1 then F1.

```

C:\PLC\Moeller\ps316\Sucos6.exe
SUCOSOFT S30

M A I N M E N U           PS316-CPU-W

F 1 PROGRAMMING
F 2 TEST / COMMISSIONING
F 3 DOCUMENTATION
F 4 TRANSFER
F 5 COMPARISON
F 6 DATA FILE MANAGEMENT
F 7 SYSTEM SELECTION
F 8 MSDOS
F10 H E L P

Please select!

Path : C:\TEMP\PS316
  
```

Before going into the program we need to set the path to the directory where your program is saved. Press F6 'Data File Management' followed by F8 'Directory Management' and then choose the directory from the displayed list. Use F4 and/or F5 to modify the directory list or disk drive.

```

C:\PLC\Moeller\ps316\Sucos6.exe
SUCOSOFT S30

D I R E C T O R Y - H I S T O R Y
A C:\PLC
B C:\PLC\MOELLER\PS316
C C:\PLC\MOELLER
D C:\TEMP\PS316

D I R E C T O R I E S I N T H E C U R R E N T D I R E C T O R Y
a ACOREAD          g INTOUC-1        m TEST
b AECITTEN         h MANUALS         n TOSH
c ANTHONY          i PS316           o XIONDZ-1
d ARCCITEN         j README
e CLAN             k SETUPE-1.5
f FERHWA-1        l TARGETS

Path : C:\TEMP

Directory management
F 1 Return          F 4 Change drive
F 2 Create directory F 5 Previous directory
F 3 Erase directory F10 Help
  
```

Return to the Main Menu with F1 then F1.

To open the program select F1 'Programming' and then F2 'Programming IS'. Type the name of your program file (the .q6w extension is not required), press return and then enter the drive letter where the file is saved and press return again. Enter the name and drive for the reference file (this holds the comments) if you have one. Often this is the same name as the program file.

```

C:\PLC\Moeller\ps316\Sucos6.exe
" This is a PS316 Program

00000 START
001
002      L I 0.0          Start pushbutton
003      AN I 0.1        Stop pushbutton
004      AN R 0.0        Failed to start marker
005      = Q 0.0         Motor contactor
006
007      TR1 -S          Fail to start timer
008
009      [ ] S: Q 0.0    Motor contactor
010      [ ] R: I 0.2    Running contact
011
012      [w] STOP:      Kw 20
013      [ ] EQ: M 0.0   Failed to start marker
014      [w] Q:
015
00001 AXIS1 "Move axis 1 into position_
001
002

- MAIN MENU-->PROGRAMMING-->PROGRAM          Insert
F 1 Return          F 4 Add line          F 7 Erase blocks
F 2 Open block     F 5 Find / Replace    F 8 Erase current line
F 3 Select block   F 6 Copy blocks      F 9 Operand comment
  
```

Pressing F2 'Edit Program File' should now open the program in 'Instruction List' (IS) view. The program can also be displayed in 'Ladder' (LD) or 'Function Block' (FB) by choosing differently at the 'Programming' level menu.