

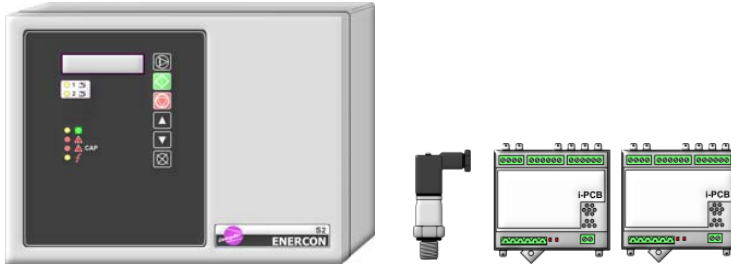


## Management Controller Kits – T55 (Y04ENER06.00, Y04ENER07.00 and Y03CM15.00)

Product Fact Sheet

### Y04ENER06.00 - Enercon S2 Kit

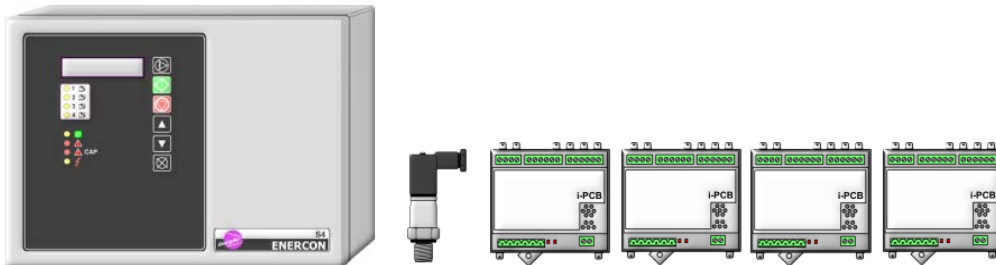
Timer Rotation for 2 compressors.



- 1 x Enercon S2 Controller
- 2 x PCB Module, Compressor Interface
- 1 x Pressure Sensor, 16.0 bar (232 psi)

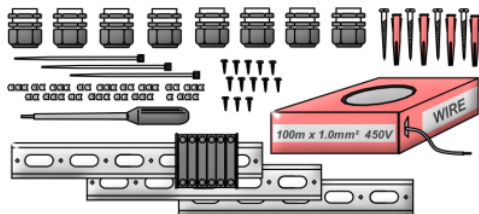
### Y04ENER07.00 - Enercon S4 Kit

Timer Rotation or Equal Hours Run for up to 4 compressors - also includes: Priority selection, Pre-Fill functionality and optional expansion for ancillary equipment monitoring.



- 1 x Enercon S4 Controller
- 4 x PCB Module, Compressor Interface
- 1 x Pressure Sensor, 16.0 bar (232 psi)

### Y04CM69.00 – Installation Kit, Enercon S2-4



Includes: Wall mount screws and raw plugs, cable entry gland set, 100m reel of wire, DIN rail for Interface PCB mounting, wire terminals, terminal screwdriver and other items for installing an Enercon S kit.

### Y03CM16.00 - Commissioning Service, Enercon S2-4

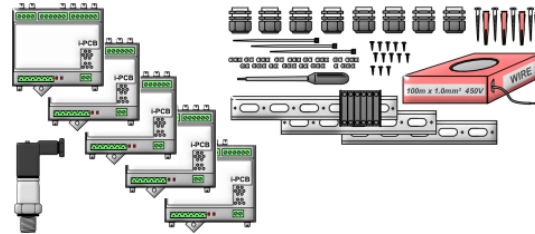
One day, on site, specialist commissioning service for standard Enercon S installation.



Product Fact Sheet

**Y03CM15.00 - Enercon SX5 Kit**

Timer Rotation, Equal Hours Run, FIFO, Pyramid or Energy Control for up to 5 compressors.



- 1 x Enercon SX5 Controller
- 5 x PCB Module, Compressor Interface
- 1 x Kit, Enercon Installation
- 1 x Pressure Sensor, 16.0 bar (232 psi)

**Y03CM17.00 – Commissioning, Enercon SX5**

On site specialist commissioning service for standard Enercon SX5 installation.

**Y00ENER11.00 - Cable, 100m x 6 wire earth shielded**

Usage: Enercon Controller to Compressor Interface PCB

**Y00ENER12.00 - Cable, 100m x 2 wire earth shielded**

Usage: Enercon Controller to Pressure Sensor

For higher pressure variants, up to 600bar (8700psi), or for system expansion capabilities including additional or auxiliary equipment monitoring, PC visualisation, data communications, efficiency and performance reporting or dial-out services, please contact EnergAir/CMC.

⚠ An alternative pressure sensor will be required for working pressures above 14 bar.



**Note: Commissioning Service not inclusive of any installation works.**

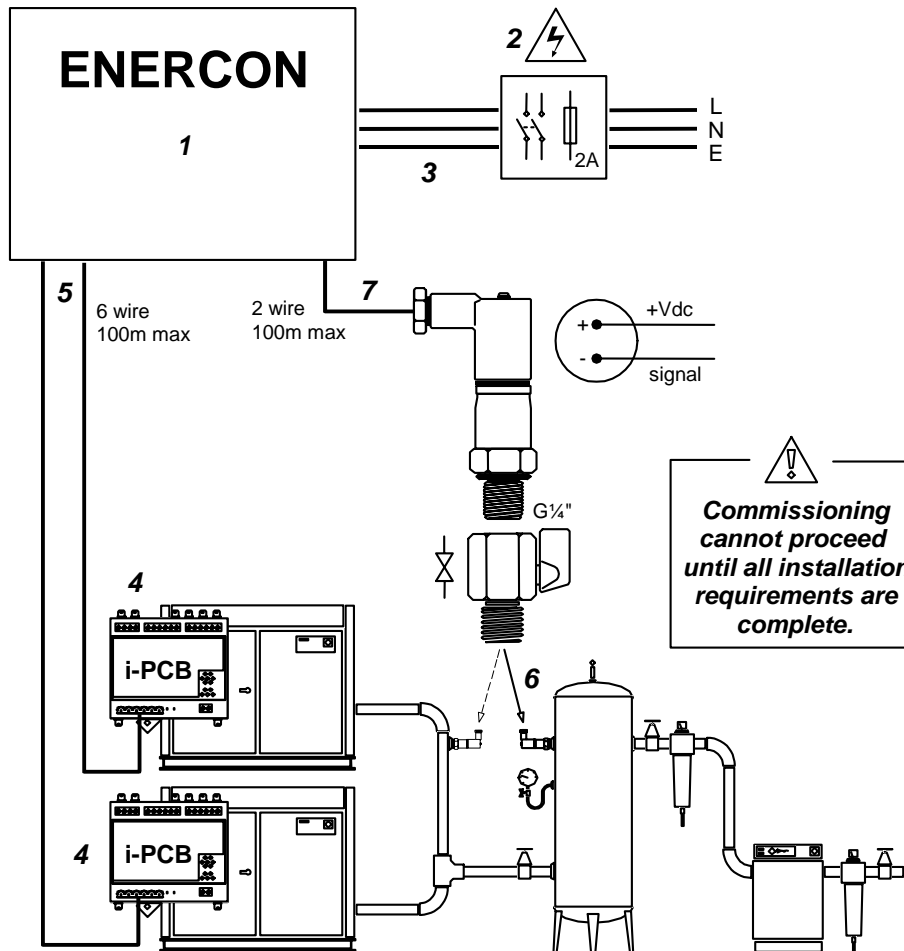
Refer to the 'Pre-Commissioning Check List' detailing installation work that must be completed before site commissioning can commence. EnergAir/CMC assume that unrestricted and uninterrupted access to site, the compressed air equipment and the EnergAir system, will be guaranteed and that any necessary work permits, or other work / access / safety related processes, will be satisfied by others in advance of attendance. For full details of the territorial and technical scope of the commissioning service contact EnergAir/CMC.



Product Fact Sheet

**Pre-Commissioning Check List**

- 1 Install Enercon unit on wall within 100m of cable length from air compressors and pressure sensor.
- 2 Install fused main power supply isolator adjacent to Enercon unit.
- 3 Install and connect main power supply to Enercon unit (do not apply power).
- 4 Install interface PCB in to each compressor starter or control panel enclosure and connect to compressor internal circuits.
- 5 Install and connect 6 wire cable from Enercon to each compressor Interface PCB.
- 6 Install pressure sensor in common air receiver or common pipework.
  - ⚠ Recommend installation of isolation valve to enable sensor calibration and maintenance without interruption to air production.
  - ⚠ Recommend pre-air treatment receiver vessel volume be no less than:  
 (nominal m<sup>3</sup>/min FAD) divided by (bar.g working pressure – 1 bar) = m<sup>3</sup> volume  
 For example: 2 x 12m<sup>3</sup>/min air compressors working at 7.0 bar:  
 $12 + 12 / (7-1) = 24/6 = 4\text{m}^3$  volume  
 (FAD = Free Air Delivered) (1m<sup>3</sup> = 1000Litre = 35.32ft<sup>3</sup>) (1m<sup>3</sup>/min = 35.32cfm)
- 7 Install and connect 2 wire cable from Enercon to pressure sensor.



⚠ For full installation details see the Technical Manual for the appropriate Enercon model.