



## Universal pressure switch set

### General

This pressure switch set is specially constructed for universal fitting to all systems (pressure switch connections with an outside thread 3/8"-24UNF or 1/4"). The switch points are 2,1 / 17,5 / 24 bar.

### Contents of the pressure switch set

(Art. N<sup>o</sup>.: 6ZL 351 028-801):

1. Pressure switch
2. Adaptor
3. O-ring
4. 4 flat connectors (male)
5. 4 flat connectors (female)
6. 4 flat connector housings
7. Connector cable



### Application note

Before using the set, the original cables must be marked before they are separated from the original plug.

### Mounting:

The pressure switch can be screwed directly onto 1/4"-24UNF connections. The enclosed adaptor must be fitted first before the switch can be screwed onto 3/8" connections. During the fitting of the new switch you have to make sure not to damage the lines or components. The enclosed O-ring has to be oiled before fitting.

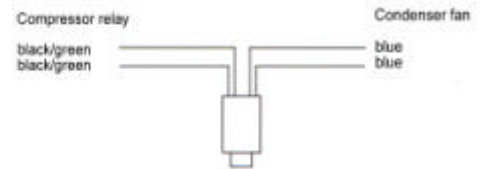
We recommend torque setting of 15-17 Nm.



## Electrical connection

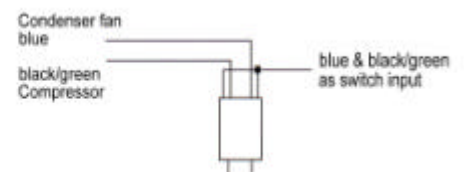
### As Trinary pressure switch (with 4 pins)

Use both *blue* cable ends as connection for the switch contacts for the condenser fan relay. It is unimportant which one you use for switch in – or output. Use *both black* cable ends *with green stripes* as the switch contact connection for the compressor drive relay.



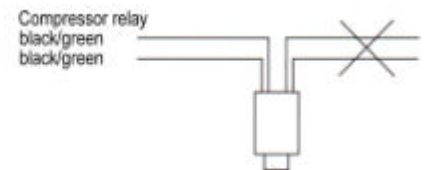
### As Trinary pressure switch (with 3 pins)

A *black* cable end *with green stripes* and a *blue* cable end must be connected together and used as the switch input. The *other blue* cable end must be used for the condenser fan relay and connected with the original cable. The *other black* cable end *with green stripes* must be used for the switch contact of the A/C compressor relay.



### As Binary pressure switch (high and low pressure)

Use *both black* cable ends *with green stripes* as the connection for the switch contacts for the compressor relay. It is unimportant which one you use for switch in – or output. The *two blue* connection cables aren't needed and can be divided off or isolated.



### As Single pressure switch (e.g. condenser fan relay)

Connect the *both blue* cables with the original cables. It is unimportant which one you use for switch in – or output. The *two black* connection cables aren't needed and can be divided off or isolated.

