

# Electric connection diagram: TRANS-FILTER-SCANNER: TFS 32

Z1516231\_002\_TFS32\_GB, subject to change

Terminal 3 to 6:  
**240 V: Bridge**

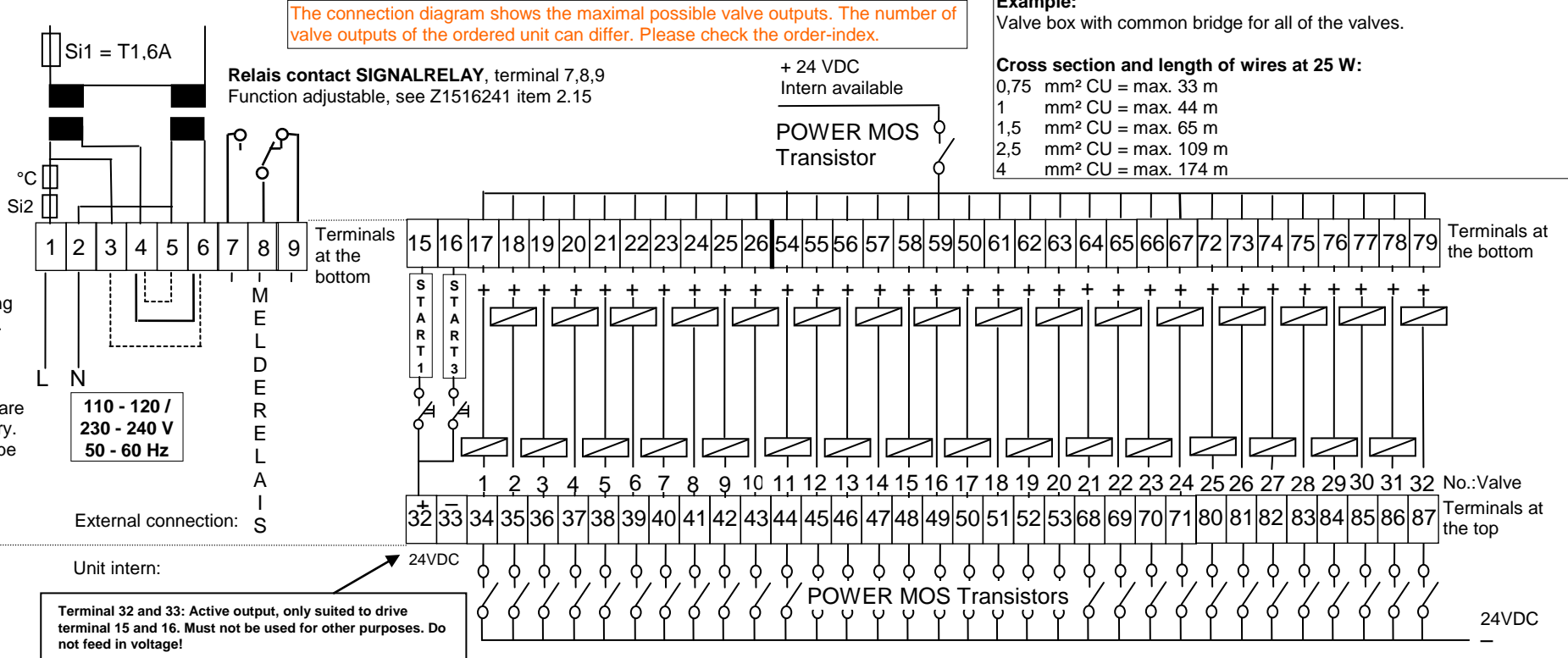
Si2 = T 0,2 A

**120 V: Bridge**

Si2 = T 0,4 A

The mains fuse Si2 must be set according to the mains voltage.  
Si2 = T0,2A at 230V  
Si2 = T0,4A at 115V

Fuses of both types are content of the delivery. Mains voltage must be switched off before changing the fuse!



**START1 - contact (external) closed:** Cleaning with IMPULSE 1 and INTERVAL 1  
**START3 - contact (external) closed:** Cleaning with IMPULSE 3 and INTERVAL 3

As an alternative to the function START a PLC system (+24VDC, 10mA) can be used. The negative terminal (-24 VDC) of the PLC system must then be connected to terminal 33 (-24V).

**Please notice** that a measurement with an external instrument at the screw-head-terminals can only be carried out correctly if the screws are completely tightened. Otherwise the contact will not be sufficient and the display will not show the correct data.

## Mounting:

The rear panel of the housing is to be mounted vertically. When installed outside, the FILTER-SCANNER requires a roof as a protection against weather and sun influences. Direct sunshine can cause an extreme rise of the temperature inside of the appliance and thus interferences. Apart from that, the SCANNER mustn't be exposed to vibrations. A direct mounting at filter cases is not allowed, since they are exposed to shocks during the filter cleaning. As a consequence serious damages of the SCANNER can be caused.

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