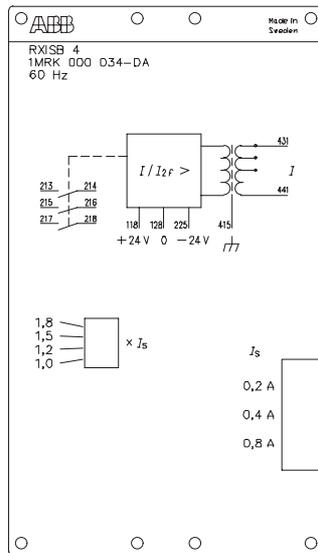


CONNECTION AND SETTING GUIDE



1MRK 000 117-46

Fig. 1 Front layout

Scale ranges : 0,03 – 0,216 A or 0,2 – 1,44 A, 50 Hz or 60 Hz

Programming switch: 4-pole programming switch for setting of the operate current in multiples of set scale constant I_s .

I_s : Terminal block for setting of the scale constant I_s

CONNECTION

The RXISB 4 relay requires a dc-dc converter type RXTUG for the auxiliary voltage supply ± 24 V.

The relay is delivered with a short-circuiting connector RTXK for mounting on the rear of the terminal base. This connector will automatically short-circuit the current input when the relay is removed from its terminal base.

Note ! The auxiliary voltage supply should be disconnected or the output should be blocked to avoid the risk of unwanted alarm or tripping, before the relay is plugged into or withdrawn from its terminal base.

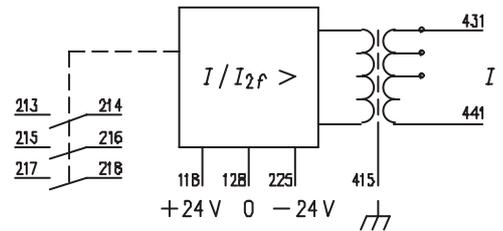


Fig. 2 Terminal diagram

SETTINGS

The relay shall be removed from its terminal base while setting the scale constant I_s . The setting of then operate current in multiples of set scale constant can be changed while the relay is in normal service, but the relay cover has to be removed.

1. Setting of the scale constant I_s .

The relay is delivered with the scale constant set on its highest value; 0,12 A alternative 0,8 A.

If the constant has to be changed, the relay cover shall be removed. Loosen then by a screw-driver the wire, which is fixed to the terminal block, and move and fix it to the terminal valid for the wanted scale constant.

3. Setting of operate current.

The operate current is set by the programming switch. The setting values are 1,0, 1,2, 1,5 and 1,8 x set scale constant I_s .

The wanted value is achieved by setting one of the four switches in the left position.

ESD

The relay contains electronic components which can be damaged if they are exposed to static electricity. Always avoid to touch the circuit board when the relay cover is removed during the setting procedure.