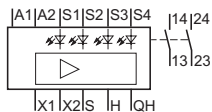
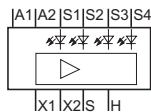


## Schematics

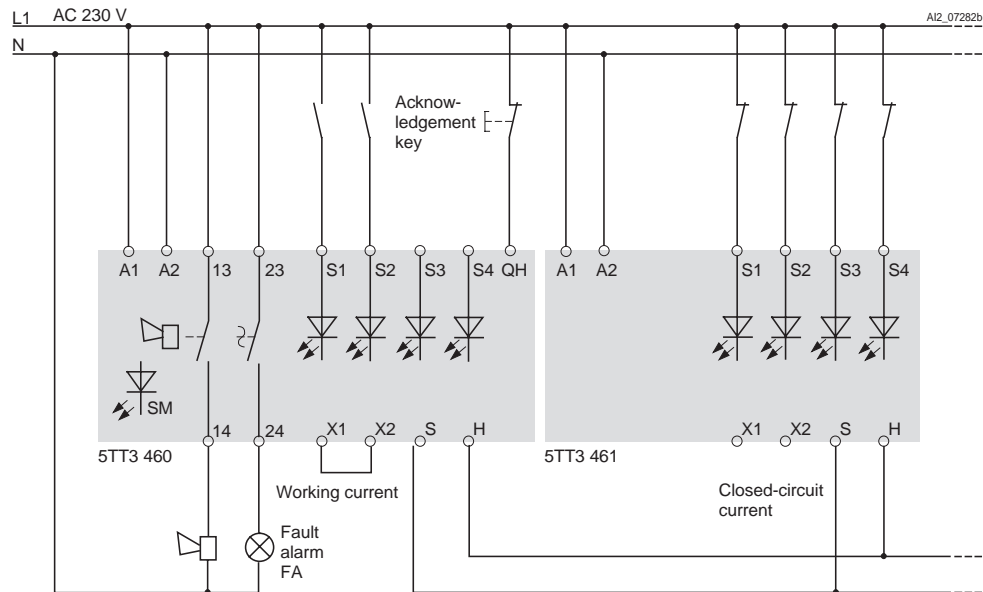
5TT3 460



5TT3 461



### Switching example, function chart



If there is a fault, the fault indication contact closes and a centralized fault is indicated over an LED. The assigned LED remains lit until the fault is eliminated. Until the acknowledgment, momentary faults can be identified by the remaining centralized fault.

# BETA Monitoring

## Monitoring of Plants and Devices

### Fault signaling units

The terminals A1, S1 to S4 and QH must be operated in-phase. If no external acknowledgment key is connected, terminal QH must be laid to L1.

If jumper X1/X2 is fitted, open-circuit protection (otherwise closed-circuit protection).

Contacts 13/14 and 23/24 close in the event of an incoming fault. The assigned LED and the centralized fault indication LED SM light up.

The alarm sensor (contact 13/14) is switched off using the acknowledgment key. The assigned LED and the centralized fault indication LED continue to light up and contact 23/24 remains closed until the fault is eliminated.

Cables S and H carry an extra-low voltage. In the case of long connections between different distribution boards a shielded cable must be laid parallel to the installed load lines.

As a light signal sensor for the group messages, we recommend 5TE5 7 or 5TE5 8 devices; as alarm sensor, the 5TT3 450 to 5TT3 453 devices.

