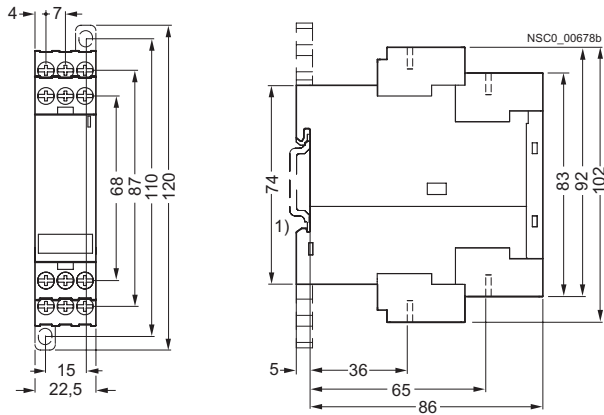
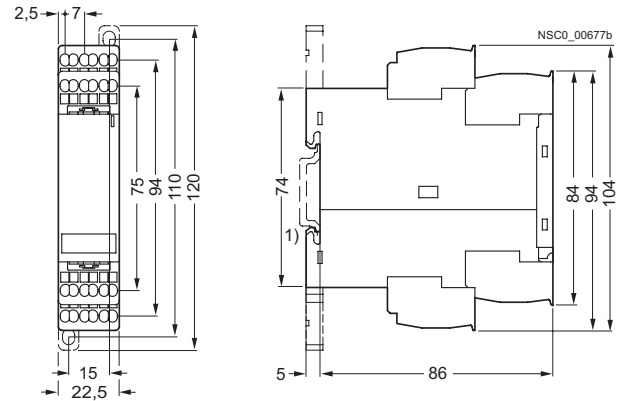


Dimensional drawings

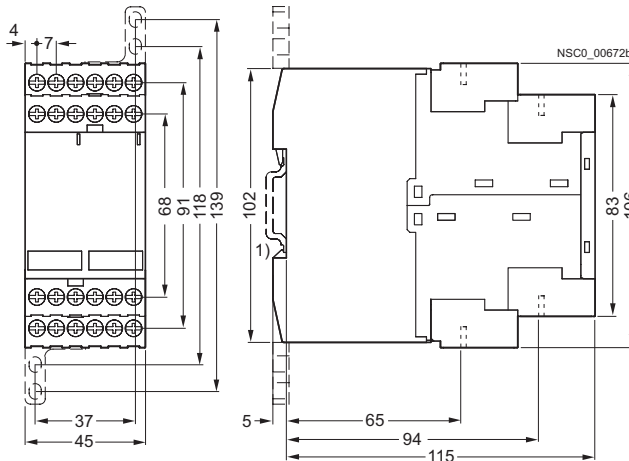
3TK28 40 to 3TK28 42 with screw terminals



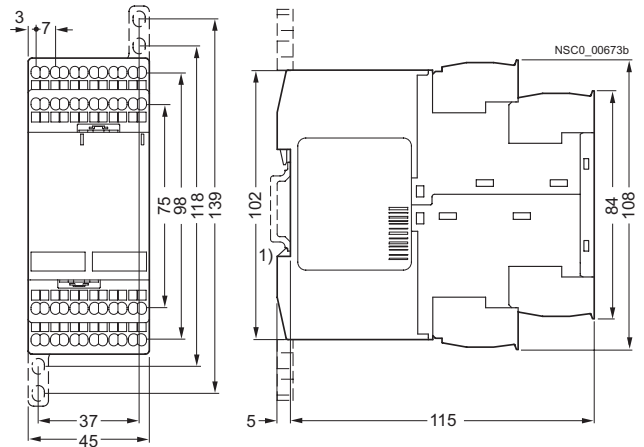
3TK28 40 to 3TK28 42 with spring-loaded terminals



3TK28 45 with screw terminals



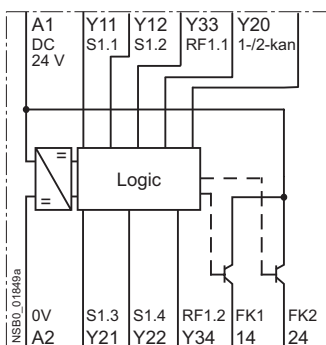
3TK28 45 with spring-loaded terminals



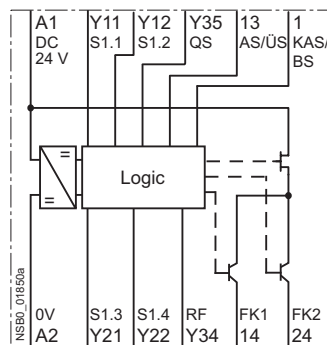
1) For standard mounting rail TH 35 according to EN 60715.

Schematics

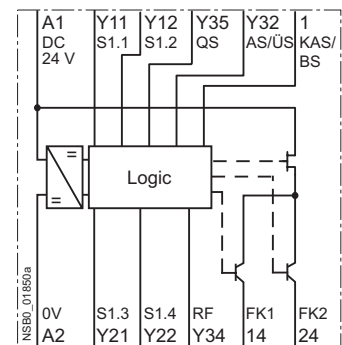
3TK28 40



3TK28 41



3TK28 42



Legend

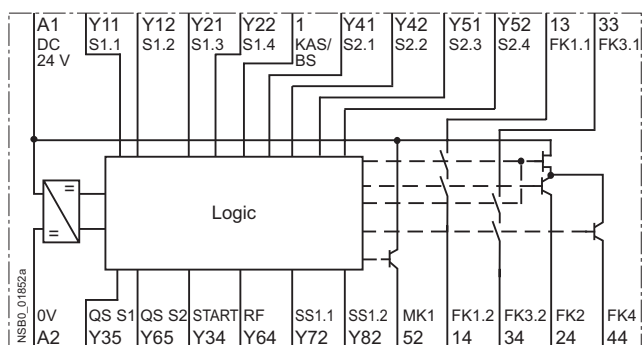
FK_{x,x}: Enabling circuits
 S_{x,x}: Sensor terminals (test connectors)
 RF_{x,x}: Feedback circuit terminals
 MK_{x,x}: Indicating circuit terminals
 PE: PE/ground conductor terminal
 Tx: Test signal terminal

ON: Start signal terminal
 1-/2-kan: Parameter terminal switchover, one/two-channel
 QS: Parameter terminal with crossover monitoring (ON/OFF)
 AS/ÜS: Parameter terminal switchover, automatic/monitored start
 KAS/BS: Terminal, cascading input

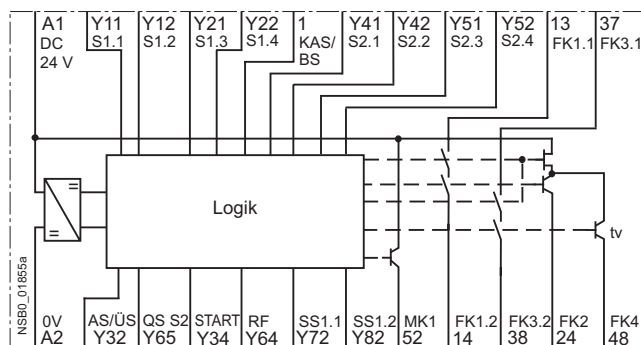
3TK28 Safety Relays

With electronic enabling circuits

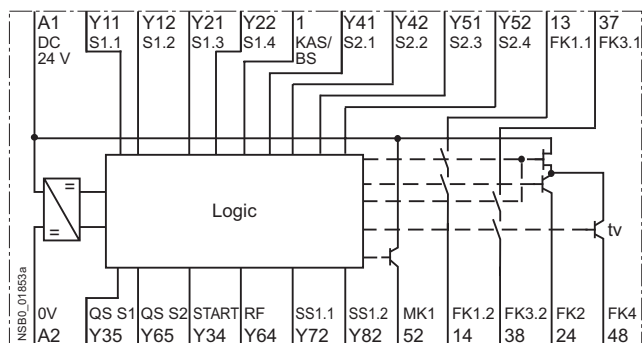
3TK28 45-.HB40, -.DB40



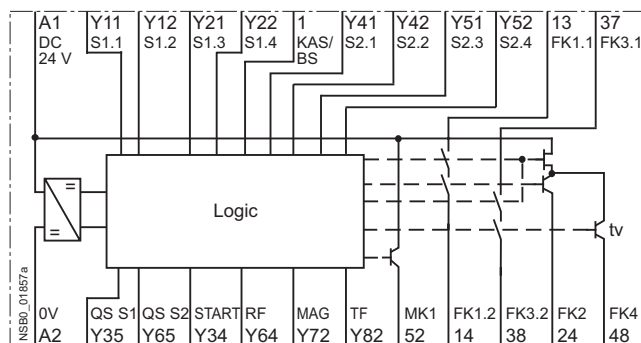
3TK28 45-.EB41, -.EB42, -.EB44



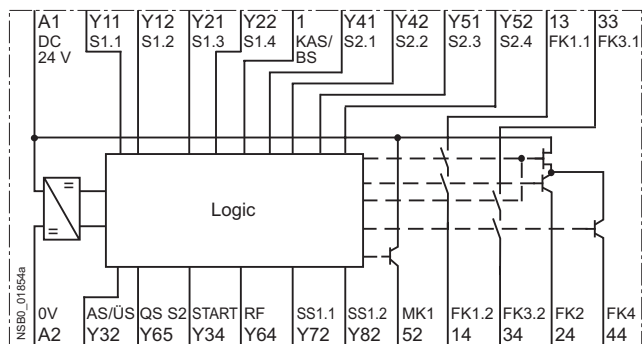
3TK28 45-.HB41, -.HB42, -.HB44, -.DB41, -.DB42, -.DB44



3TK28 45-.FB41, -.FB42, -.FB44, -.GB41, -.GB42, -.GB44



3TK28 45-.EB40



Legend

- FK_{x,x'}: Enabling circuits
- S_{x,x'}: Sensor terminals (test connectors)
- RF_{x,x'}: Feedback circuit terminals
- MK_{x,x'}: Indicating circuit terminals
- START: Start signal terminal
- QS: Parameter terminal with crossover monitoring (ON/OFF)
- AS/ÜS: Parameter terminal switchover, automatic/monitored start
- KAS/BS: Terminal, cascading input
- SS_{x,x'}: Key-operated switch terminals
- MAG: Magnetic monitoring
- TF: Door enabling