# **3RP Timing Relays**

## 3RT19 timing relays for mounting onto contactors

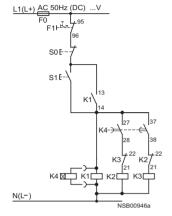
#### Schematics

#### 3RT19 circuit diagrams

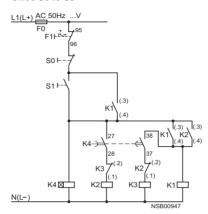
**Control circuits** (example circuits) with delayed 3RT19 .6-2G wye-delta auxiliary switch block

#### For momentary-contact operation

#### Size S00

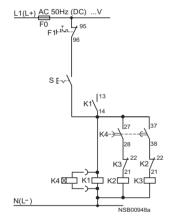


#### Sizes S0 to S3

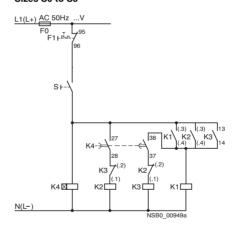


#### For maintained-contact operation

#### Size S00



#### Sizes S0 to S3



### Legend:

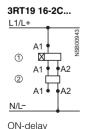
- "OFF" button SO
- "ON" button S1
- S Maintained-contact switch
- Line contactor
- Star contactor
- КЗ Delta contactor
- Timer or timing relay
- F0 Fuse
- Overload relay

## Note:

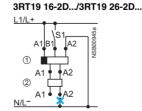
The contact element 27/28 for the solid-state time-delay auxiliary switch block with wye-delta function is only closed on the wye stage; the contact element is open in the delta stage as well as in the de-energized state.

## Solid-state timing relay blocks

For size S00 to S3 3RT10 contactors and 3RH11 contactor relays



3RT19 26-2C... L1/L+ 1 X Α1 2 N/L-ON-delay



(with auxiliary voltage)

OFF-delay

Timing relay block
Contactor

- can be connected \*Do not connect!