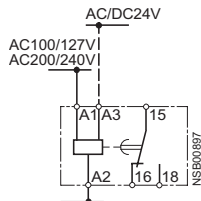


Schematics

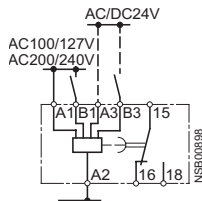
3RP15 internal schematics (terminal designation to DIN 46199, Part 5)

3RP15 05-.A
3RP15 1.
3RP15 25-.A



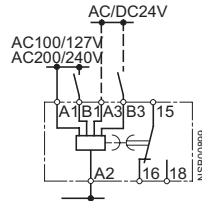
ON-delay

3RP15 05-.A
3RP15 3-.A



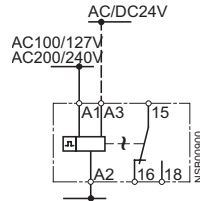
OFF-delay
with auxiliary voltage

3RP15 05-.A



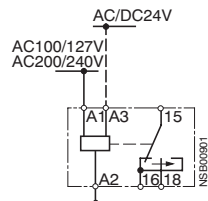
ON-delay and OFF-delay
with auxiliary voltage

3RP15 05-.A



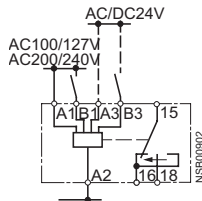
Flashing

3RP15 05-.A



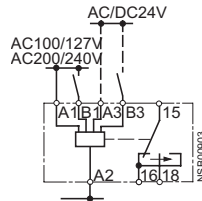
Passing make contact

3RP15 05-.A



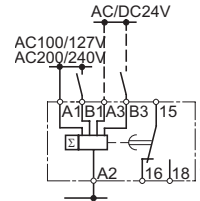
Passing break contact
with auxiliary voltage

3RP15 05-.A



Pulse-forming
with auxiliary voltage

3RP15 05-.A



Additive ON-delay
with auxiliary voltage

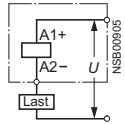
3RP Timing Relays

3RP15 timing relays in industrial enclosure, 22.5 mm

3RP15 27

$U = AC/DC\ 24 \dots 66\ V$
 $AC/DC\ 90 \dots 240\ V$

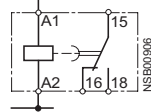
AC/DC 24-66V
 AC/DC 90-240V



ON-delay,
two-wire version

3RP15 40-A

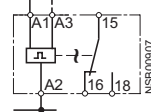
AC/DC24V
 AC/DC100/127V
 AC/DC200/240V



OFF-delay
without auxiliary voltage

3RP15 55

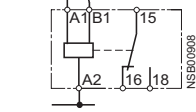
AC/DC24V
 AC/DC42V...48V
 AC/DC60V
 AC100/127V
 AC200/240V



Clock-pulse relay

3RP15 05-AW30

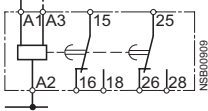
AC/DC24...240V



Multi-function relay
(same functions as 3RP15 05-1A)

3RP15 05-B, 3RP15 25-1B

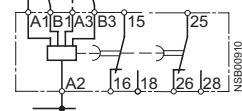
AC/DC24V
 AC100/127V
 AC200/240V



ON-delay, 3RP15 25-1B
also for 42...48/60 V AC/DC
(see page 8/13 3RP15 25-1BR30)

3RP15 05-B

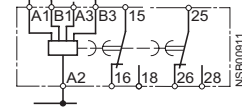
AC/DC24V
 AC100/127V
 AC200/240V



OFF-delay
with auxiliary voltage

3RP15 05-B

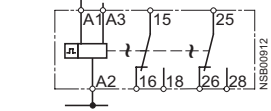
AC/DC24V
 AC100/127V
 AC200/240V



ON-delay and OFF-delay
with auxiliary voltage

3RP15 05-B

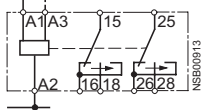
AC/DC24V
 AC100/127V
 AC200/240V



Flashing

3RP15 05-B

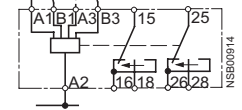
AC/DC24V
 AC100/127V
 AC200/240V



Passing make contact

3RP15 05-B

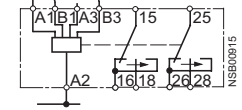
AC/DC24V
 AC100/127V
 AC200/240V



Passing break contact
with auxiliary voltage

3RP15 05-B

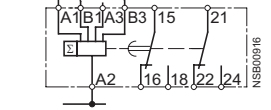
AC/DC24V
 AC100/127V
 AC200/240V



Pulse-forming
with auxiliary voltage

3RP15 05-B

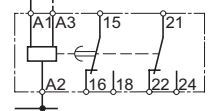
AC/DC24V
 AC100/127V
 AC200/240V



Additive ON-delay
with auxiliary voltage and
instantaneous contact

3RP15 05-B

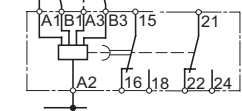
AC/DC24V
 AC100/127V
 AC200/240V



ON-delay and instantaneous
contact

3RP15 05-B

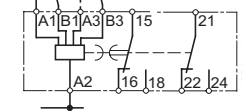
AC/DC24V
 AC100/127V
 AC200/240V



OFF-delay
with auxiliary voltage
and instantaneous contact

3RP15 05-B

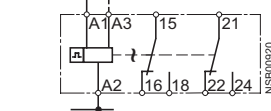
AC/DC24V
 AC100/127V
 AC200/240V



ON-delay and OFF-delay
with auxiliary voltage and
instantaneous contact

3RP15 05-B

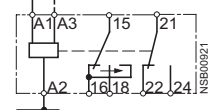
AC/DC24V
 AC100/127V
 AC200/240V



Flashing and instantaneous
contact

3RP15 05-B

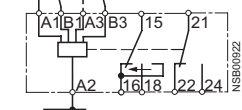
AC/DC24V
 AC100/127V
 AC200/240V



Passing make contact
and instantaneous contact

3RP15 05-B

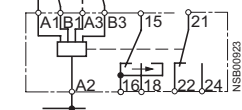
AC/DC24V
 AC100/127V
 AC200/240V



Passing break contact
with auxiliary voltage and
instantaneous contact

3RP15 05-B

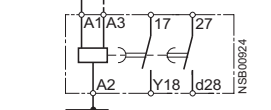
AC/DC24V
 AC100/127V
 AC200/240V



Pulse-forming
with auxiliary voltage
and instantaneous contact

3RP15 05-B

AC/DC24V
 AC100/127V
 AC200/240V

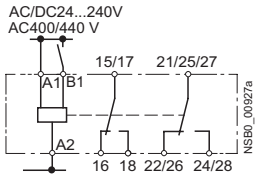


Wye-delta function

3RP Timing Relays

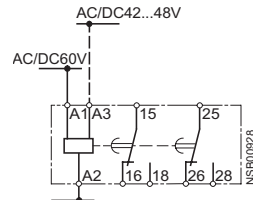
3RP15 timing relays in industrial enclosure, 22.5 mm

3RP15 05-.BW30/-1BT20/-RW30



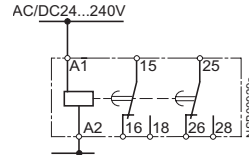
Multi-function relay
(for functions see function table)

3RP15 25-.BR30



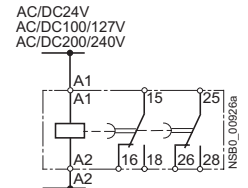
ON-delay

3RP15 25-.BW30



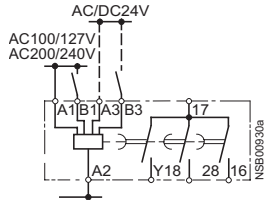
ON-delay

3RP15 40-.B



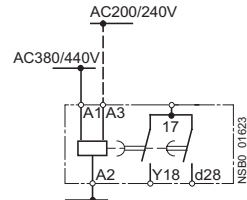
OFF-delay without
auxiliary voltage

3RP15 60-.S



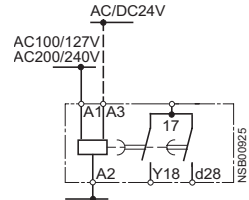
Wye-delta timing relay with
overtravel function (idling)

3RP15 7.-.M20



Wye-delta timing relay

3RP15 74, 3RP15 76



Wye-delta timing relay

Position of the connection terminals

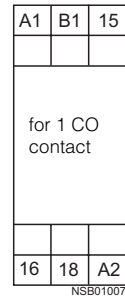
3RP15 05-.A



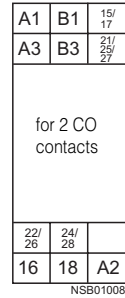
3RP15 05-.AA40



3RP15 05-.AW



3RP15 05-.BP/-BQ



3RP15 05-.BW



3RP15 05-1BT



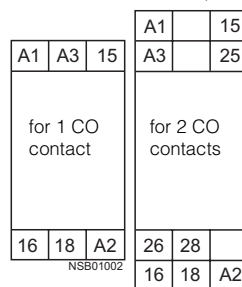
3RP15 05-.RW



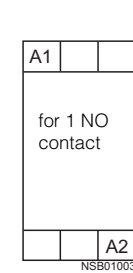
3RP15 1.



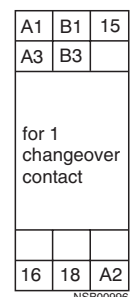
3RP15 25-1A. or -1B. 1)



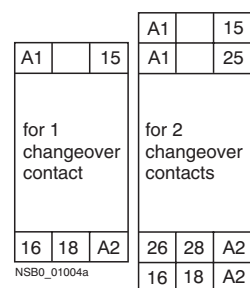
3RP15 27



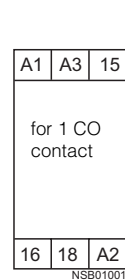
3RP15 3.



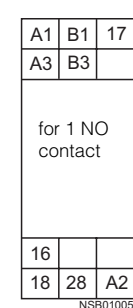
3RP15 40



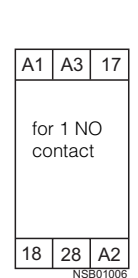
3RP15 55



3RP15 60



3RP15 7.



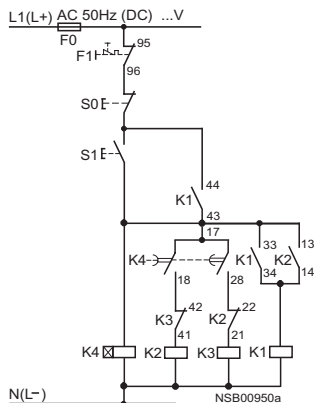
Note: All the diagrams show the view onto the connection terminals.

¹⁾ Depending on the version.

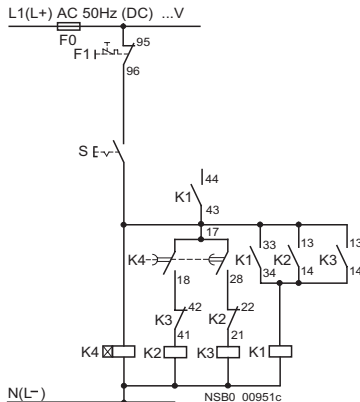
3RP15 timing relays in industrial enclosure, 22.5 mm

Control circuits (example circuits)
with 3RP15 74 and 3RP15 76 wye-delta timing relays

Size S00 to S3

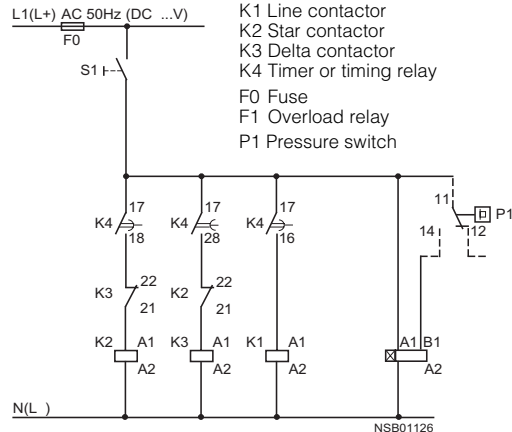


Size S00 to S3



Control circuit (example circuit)
with 3RP15 60 wye-delta timing relays

S0 Button "OFF"
S1 Button "ON"
S Maintained-contact button
K1 Line contactor
K2 Star contactor
K3 Delta contactor
K4 Timer or timing relay
F0 Fuse
F1 Overload relay
P1 Pressure switch



The contact element 17/18 is only closed in the wye stage; the contact element is open in the delta stage as well as in the de-energized state.