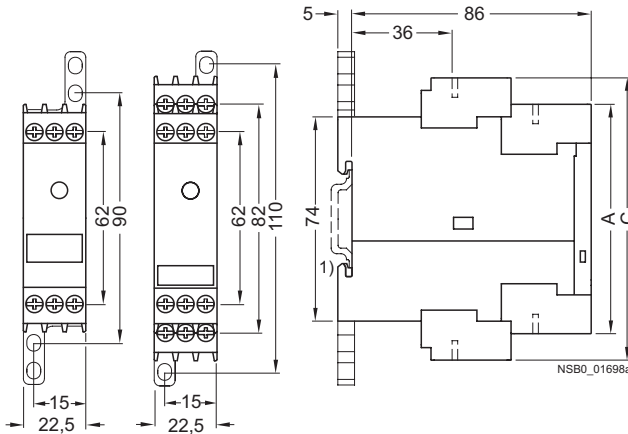


Dimensional drawings



Type	3RP15 1 3RP15 25-.A 3RP15 27 3RP15 40-A 3RP15 55 3RP15 7 A	3RP15 05 3RP15 25-.B 3RP15 3 3RP15 40-.B 3RP15 60 C
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Removable terminal

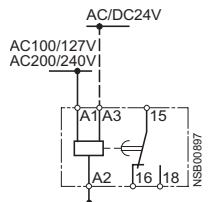
Screw-type terminal	83	102
Spring-loaded terminal	84	103

1) For standard mounting rail according to EN 60715.

Schematics

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

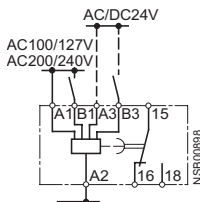
3RP15 05-.A
3RP15 1.
3RP15 25-.A



With ON-delay

3RP15 05-.A

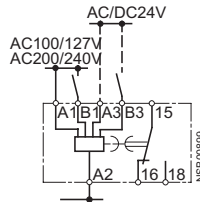
3RP15 05-.A
3RP15 3-.A



OFF-delay
with auxiliary voltage

3RP15 05-.A

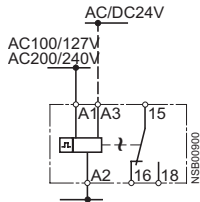
3RP15 05-.A



ON-delay and OFF-delay
with auxiliary voltage

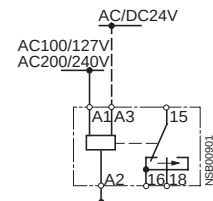
3RP15 05-.A

3RP15 05-.A

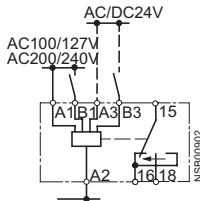


Flashing

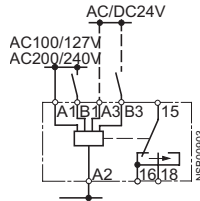
3RP15 05-.A



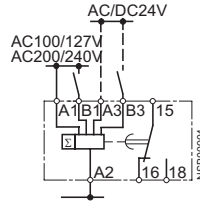
Passing make contact



Passing break contact
with auxiliary voltage



Pulse-forming
with auxiliary voltage



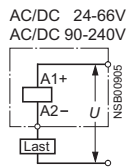
Additive ON-delay
with auxiliary voltage

3RP, 3RT19 Timing Relays

3RP15 timing relays in industrial enclosure, 22.5 mm

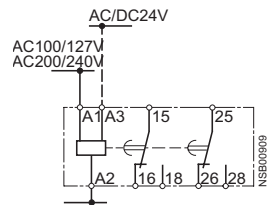
3RP15 27

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



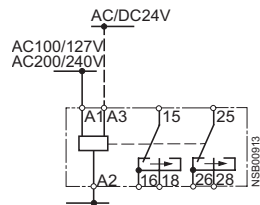
ON-delay,
two-wire version

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



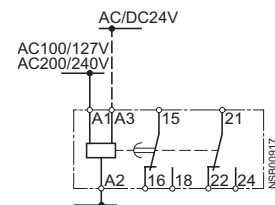
ON-delay, 3RP15 25-1B
 also for 42...48/60 V AC/DC
 (see page 7/59 3RP15 25-1BR30)

3RP15 05-.B



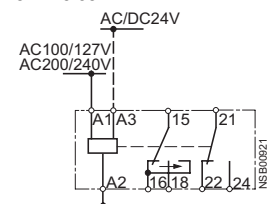
Passing make contact

3RP15 05-.B



ON-delay and instantaneous
contact

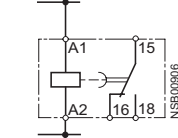
3RP15 05-.B



Passing make contact
and instantaneous contact

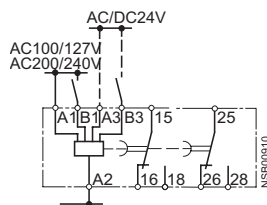
3RP15 40-.A

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



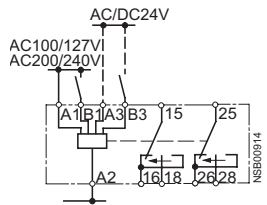
OFF-delay
without auxiliary voltage

3RP15 05-.B



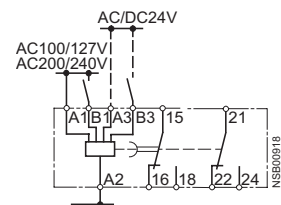
OFF-delay with auxiliary voltage

3RP15 05-.B



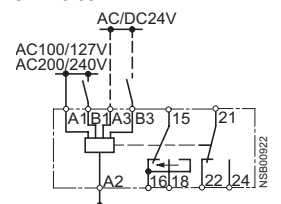
Passing break contact
with auxiliary voltage

3RP15 05-.B



OFF-delay with auxiliary voltage
and instantaneous contact

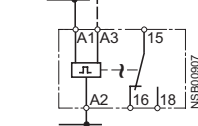
3RP15 05-.B



Passing break contact with auxil-
iary voltage and instantaneous
contact

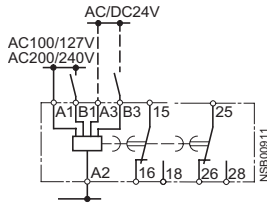
3RP15 55

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



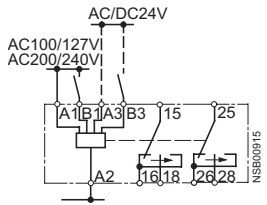
Clock-pulse relay

3RP15 05-.B



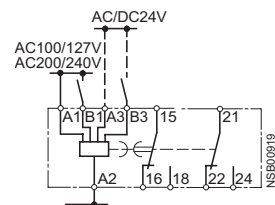
ON-delay and OFF-delay
with auxiliary voltage

3RP15 05-.B



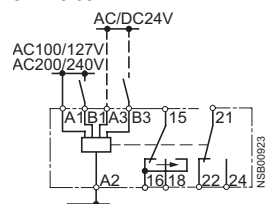
Pulse-forming with auxiliary voltage

3RP15 05-.B



ON-delay and OFF-delay with auxil-
iary voltage and instantaneous
contact

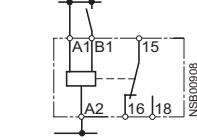
3RP15 05-.B



Pulse-forming with auxiliary voltage
and instantaneous contact

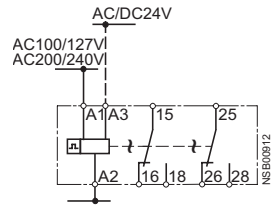
3RP15 05-.AW30

AC/DC24...240V



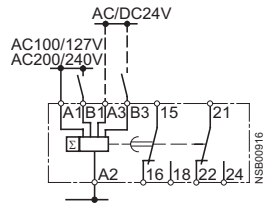
Multi-function relay
(same functions as 3RP15 05-1A)

3RP15 05-.B



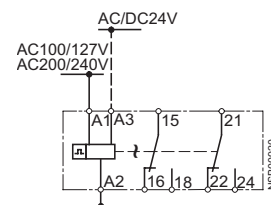
Flashing

3RP15 05-.B



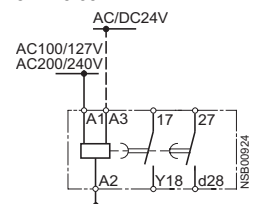
Additive ON-delay with
auxiliary voltage and instantaneous
contact

3RP15 05-.B



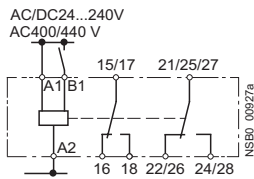
Flashing and instantaneous contact

3RP15 05-.B



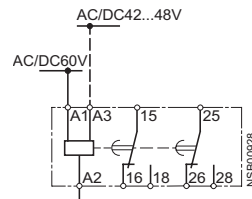
Wye-delta function

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



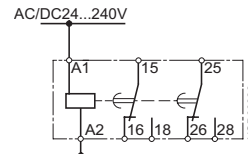
Multi-function relay
(for functions see function table)

3RP15 25-.BR30



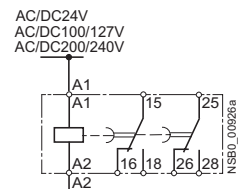
With ON-delay

3RP15 25-.BW30



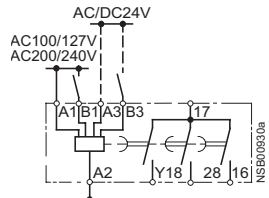
With ON-delay

3RP15 40-.B



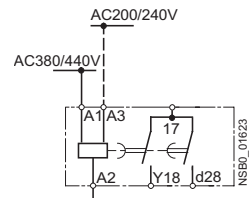
OFF-delay without
auxiliary voltage

3RP15 60-.S



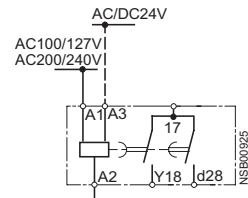
Wye-delta timing relay with
overtravel function (idling)

3RP15 7.-.M20



Wye-delta timing relay

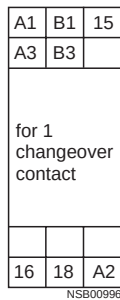
3RP15 74, 3RP15 76



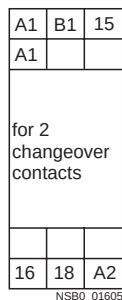
Wye-delta timing relay

Position of the connection terminals

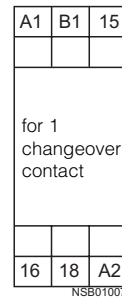
3RP15 05-.A



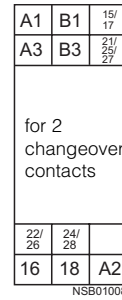
3RP15 05-.AA40



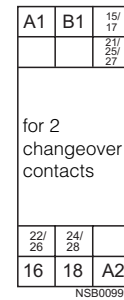
3RP15 05-.AW



3RP15 05-.BP/-BQ



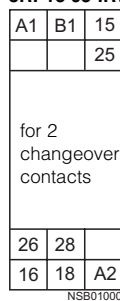
3RP15 05-.BW



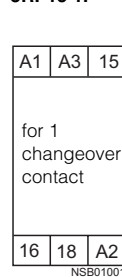
3RP15 05-1BT



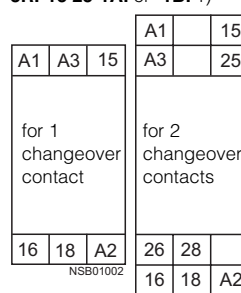
3RP15 05-.RW



3RP15 1.



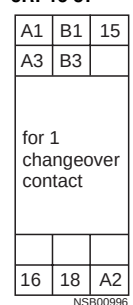
3RP15 25-1A. or -1B. 1)



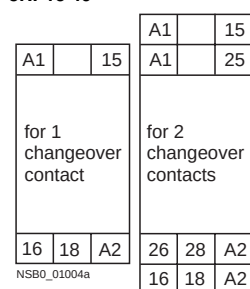
3RP15 27



3RP15 3.



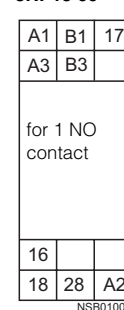
3RP15 40



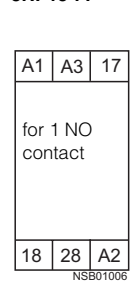
3RP15 55



3RP15 60



3RP15 7.



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

¹⁾ Depending on the version.

3RP, 3RT19 Timing Relays

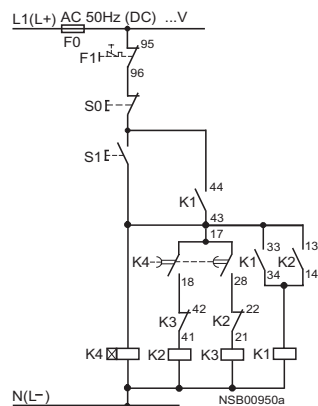
3RP15 timing relays in industrial enclosure, 22.5 mm

3RP15 circuit diagrams

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

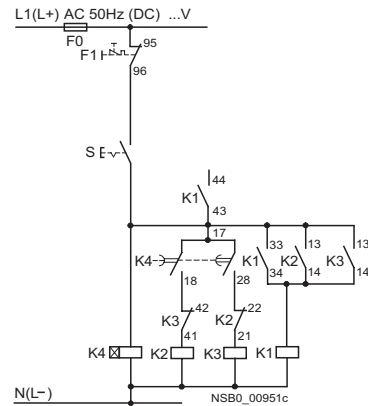
For momentary-contact operation

Size S00 to S3



For maintained-contact operation

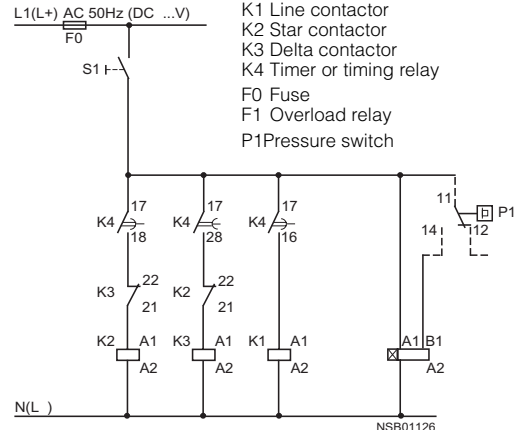
Size S00 to S3



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

Legend:

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



Note:

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.