



95.05

| Relay type  | 40.31        |          | 40.51/ 52/ 61 |          |
|---|--------------|----------|---------------|----------|
| Colour  | BLUE         | BLACK    | BLUE          | BLACK    |
| <b>Clamp terminal socket:</b> panel or 35 mm rail (EN 50022) mount, retaining clip 095.01 supplied with socket packaging code SPA | 95.03        | 95.03.0  | 95.05         | 95.05.0  |
| Plastic retaining and release clip  | 095.01       | 095.01.0 | 095.01        | 095.01.0 |
| Metal retaining clip  | 095.71       |          |               |          |
| 8-way jumper link for 95.03 and 95.05 sockets   | 095.18       | 095.18.0 | 095.18        | 095.18.0 |
| Identification tag  | 095.00.4     |          |               |          |
| Modules (see table below)   | 99.02        |          |               |          |
| Timer modules (see table below)   | 86.10, 86.20 |          |               |          |
| Sheet of marker tags for retaining and release clip 095.01  | 060.72       |          |               |          |

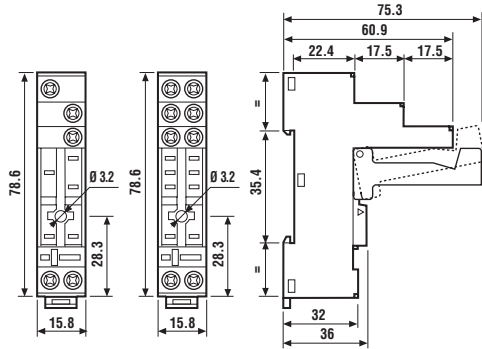
40

Approvals (according to type):



- Rated values: 10 A - 250 V with a current >10 A, the contact terminal must be connected in parallel (21 with 11, 24 with 14, 22 with 12)
- Insulation:  $\geq 6$  kV (1.2/50  $\mu$ s) between coil and contacts
- Protection category: IP 20
- Ambient temperature: (-40...+70) $^{\circ}$ C
- Screw torque: 0.5 Nm
- Wire strip length: 8 mm
- Max wire size:

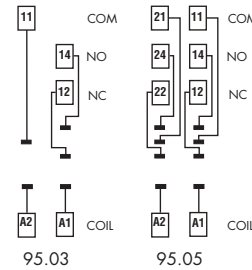
|                 | solid wire  | stranded wire |
|-----------------|-------------|---------------|
| mm <sup>2</sup> | 1x6 / 2x2.5 | 1x4 / 2x2.5   |
| AWG             | 1x10 / 2x14 | 1x12 / 2x14   |



095.01



060.72



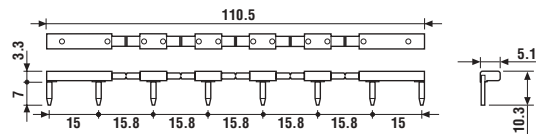
### FOR 95.03 AND 95.05 SOCKETS:



095.18

|                          |        |
|--------------------------|--------|
| <b>8-way jumper link</b> | 095.18 |
|--------------------------|--------|

- Rated values: 10 A - 250 V



86.10

|   |                  |
|---|------------------|
| <b>86 series module timers</b> (see technical data pages 151/156) | BLUE             |
| Mono-function: (12...24)V AC/DC; function AI; (1.5s...60min)      | 86.10.0.024.0000 |
| Mono-function: (12...24)V AC/DC; function DI; (1.5s...60min)      | 86.20.0.024.0000 |

Approvals (according to type): GOST



99.02

Approvals (according to type):



| <b>99.02 coil indication and EMC suppression modules</b><br>(see technical data page 209) |                    | BLUE*          |
|---|--------------------|----------------|
| Diode** (+A1, standard polarity)  | (6...220)V DC      | 99.02.3.000.00 |
| LED   | (6...24)V DC/AC    | 99.02.0.024.59 |
| LED   | (28...60)V DC/AC   | 99.02.0.060.59 |
| LED   | (110...240)V DC/AC | 99.02.0.230.59 |
| LED + Diode** (+A1, standard polarity)  | (6...24)V DC       | 99.02.9.024.99 |
| LED + Diode** (+A1, standard polarity)  | (28...60)V DC      | 99.02.9.060.99 |
| LED + Diode** (+A1, standard polarity)  | (110...220)V DC    | 99.02.9.220.99 |
| LED + Varistor  | (6...24)V DC/AC    | 99.02.0.024.98 |
| LED + Varistor  | (28...60)V DC/AC   | 99.02.0.060.98 |
| LED + Varistor  | (110...240)V DC/AC | 99.02.0.230.98 |
| RC circuit  | (6...24)V DC/AC    | 99.02.0.024.09 |
| RC circuit  | (28...60)V DC/AC   | 99.02.0.060.09 |
| RC circuit  | (110...240)V DC/AC | 99.02.0.230.09 |
| Residual current by-pass (62 k $\Omega$ /1W)  | (110...240)V AC    | 99.02.8.230.07 |

\* Modules in Black housing are available on request.

\*\*For DC supply, apply the positive to terminal A1.



95.85.3

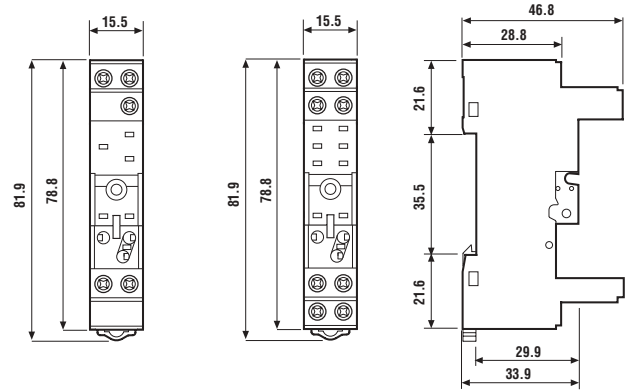
 Approvals  
(according to type):


GOST

- Rated values: 10 A - 250 V  
with a current >10 A, the contact terminal must be connected in parallel (21 with 11, 24 with 14, 22 with 12)
- Insulation:  $\geq 6$  kV (1.2/50  $\mu$ s)  
between coil and contacts (only for 95.83.3)
- Protection category: IP 20
- Ambient temperature: (-40...+70)°C
- Srew torque: 0.5 Nm
- Wire strip length: 7 mm
- Max wire size:

|                 | solid wire  | stranded wire |
|-----------------|-------------|---------------|
| mm <sup>2</sup> | 1x6 / 2x2.5 | 1x4 / 2x2.5   |
| AWG             | 1x10 / 2x14 | 1x12 / 2x14   |

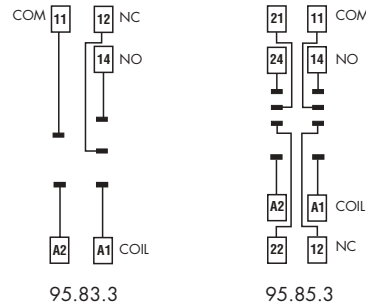
| Relay type  | 40.31    |          | 40.51, 40.52, 40.61 |          |
|---|----------|----------|---------------------|----------|
| Colour  | BLUE     | BLACK    | BLUE                | BLACK    |
| Clamp terminal socket: panel or 35 mm rail (EN 50022) mount retaining clip 095.91.3 supplied with socket packaging code SPA | 95.83.3  | 95.83.30 | 95.85.3             | 95.85.30 |
| Metal retaining clip  | 095.71   |          |                     |          |
| Plastic retaining and release clip  | 095.91.3 |          |                     |          |
| 8-way jumper link for 95.83.3 and 95.85.3 sockets   | 095.08   | 095.08.0 | 095.08              | 095.08.0 |
| Modules (see table below)   | 99.80    |          |                     |          |
| Sheet of marker tags for retaining and release clip 095.91.3  | 060.72   |          |                     |          |

**40**


095.91.3



060.72



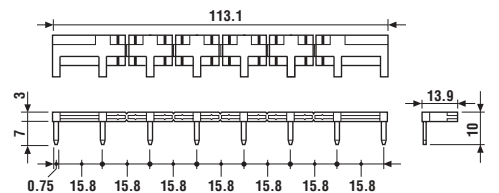
### FOR 95.83.3 AND 95.85.3 SOCKETS:



095.08

|                          |        |
|--------------------------|--------|
| <b>8-way jumper link</b> | 095.08 |
|--------------------------|--------|

- Rated values: 10 A - 250 V



99.80

 Approvals  
(according to type):

GOST

\* Modules in Black housing are available on request.

\*\*For DC supply, apply the positive to terminal A1.

 Green LED is standard.  
Red LED available on request.

| 99.80 coil indication and EMC suppression modules<br>(see technical data page 209) |                    | BLUE*          |
|--|--------------------|----------------|
| Diode** (+A1, standard polarity)   | (6...220)V DC      | 99.80.3.000.00 |
| LED  | (6...24)V DC/AC    | 99.80.0.024.59 |
| LED  | (28...60)V DC/AC   | 99.80.0.060.59 |
| LED  | (110...240)V DC/AC | 99.80.0.230.59 |
| LED + Diode** (+A1, standard polarity)   | (6...24)V DC       | 99.80.9.024.99 |
| LED + Diode** (+A1, standard polarity)   | (28...60)V DC      | 99.80.9.060.99 |
| LED + Diode** (+A1, standard polarity)   | (110...220)V DC    | 99.80.9.220.99 |
| LED + Varistor   | (6...24)V DC/AC    | 99.80.0.024.98 |
| LED + Varistor   | (28...60)V DC/AC   | 99.80.0.060.98 |
| LED + Varistor   | (110...240)V DC/AC | 99.80.0.230.98 |
| RC circuit   | (6...24)V DC/AC    | 99.80.0.024.09 |
| RC circuit   | (28...60)V DC/AC   | 99.80.0.060.09 |
| RC circuit   | (110...240)V DC/AC | 99.80.0.230.09 |
| Residual current by-pass (62 k $\Omega$ /1W)                                       | (110...240)V AC    | 99.80.8.230.07 |



| Relay type  | 40.31, 40.41 |          | 40.51, 40.52, 40.61 |          |
|---|--------------|----------|---------------------|----------|
| Colour  | BLUE         | BLACK    | BLUE                | BLACK    |
| <b>P.C.B. socket</b>  | 95.13.2      | 95.13.20 | 95.15.2             | 95.15.20 |
| retaining clip 095.51 supplied with socket packaging code SMA |              |          |                     |          |
| Metal retaining clip  | 095.51       |          |                     |          |
| Plastic retaining clip  | 095.52       |          |                     |          |

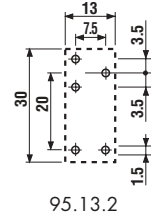
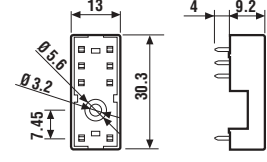
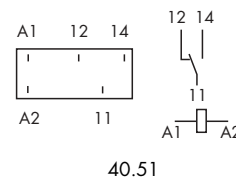
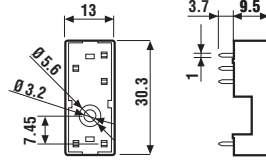
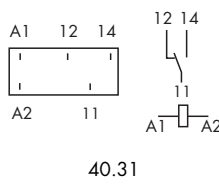
40



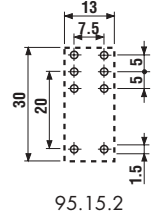
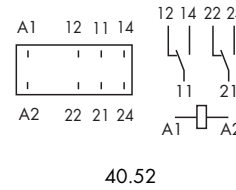
Approvals  
(according to type):



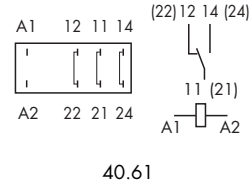
- Rated values: 10 A - 250 V
- Insulation:  $\geq 6$  kV (1.2/50  $\mu$ s)  
*between coil and contacts*
- Protection category: IP 20
- Ambient temperature: (-40...+70) $^{\circ}$ C



Copper side view



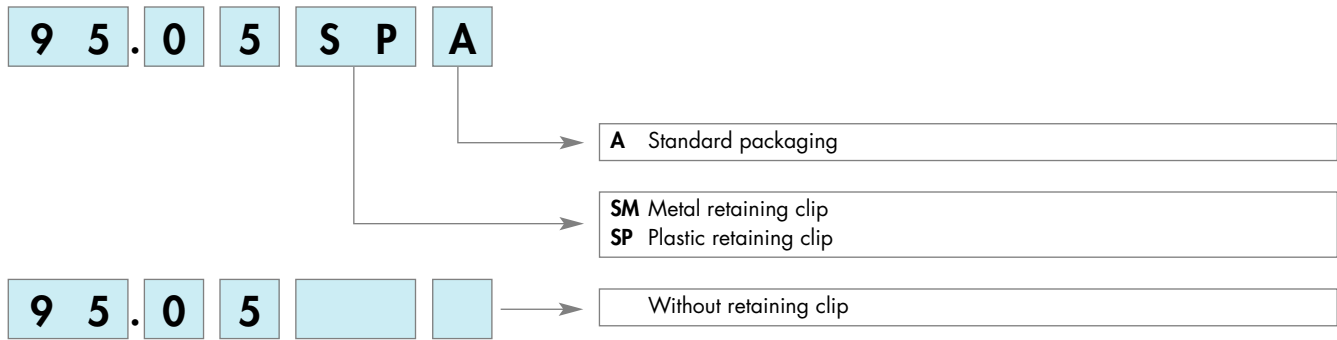
Copper side view



## PACKAGING CODES

**How to code and identify retaining clip and packaging options for sockets.**

Code options according to the last three letters:





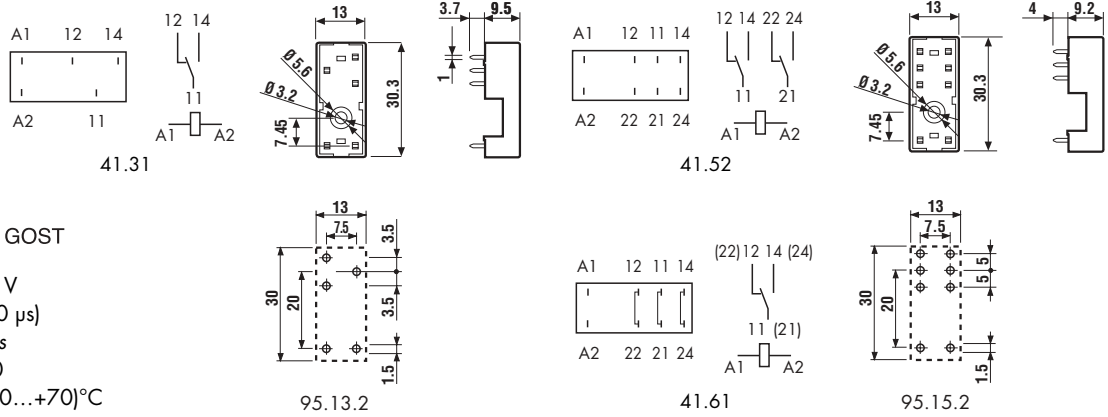
| Relay type  | 41.31   |          | 41.52, 41.61 |          |
|---|---------|----------|--------------|----------|
| Colour  | BLUE    | BLACK    | BLUE         | BLACK    |
| <b>P.C.B. socket</b>  | 95.13.2 | 95.13.20 | 95.15.2      | 95.15.20 |
| retaining clip 095.41 supplied with socket packaging code SNA |         |          |              |          |
| Metal retaining clip  | 095.41  |          |              |          |
| Plastic retaining clip  | 095.42  |          |              |          |

41

Approvals  
(according to type):



- Rated values: 10 A - 250 V
- Insulation:  $\geq 6$  kV (1.2/50  $\mu$ s)  
*between coil and contacts*
- Protection category: IP 20
- Ambient temperature: (-40...+70) $^{\circ}$ C



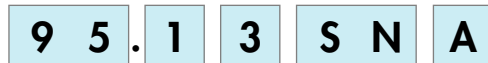
Copper side view

Copper side view

## PACKAGING CODES

How to code and identify retaining clip and packaging options for sockets.

Code options according to the last three letters:



**A** Standard packaging

**SN** Metal retaining clip  
**SL** Plastic retaining clip

9 5 . 1 3 [ ] [ ] Without retaining clip



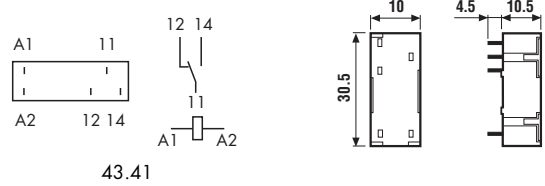
95.23

|  |              |         |
|--|--------------|---------|
| <b>Relay type</b>  | <b>43.41</b> |         |
| Colour   | BLUE         | BLACK   |
| <b>P.C.B. socket</b> (CO/SPDT only)<br>retaining clip 095.43 supplied with socket packaging code SNA | 95.23        | 95.23.0 |
| Metal retaining clip   | 095.43       |         |

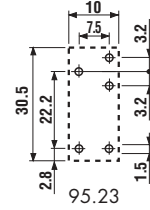
Approvals  
(according to type):



- 43** - Rated values: 10 A - 250 V
- Insulation:  $\geq 6$  kV (1.2/50  $\mu$ s) *between coil and contacts*
- Protection category: IP 20
- Ambient temperature: (-40...+70)°C



43.41

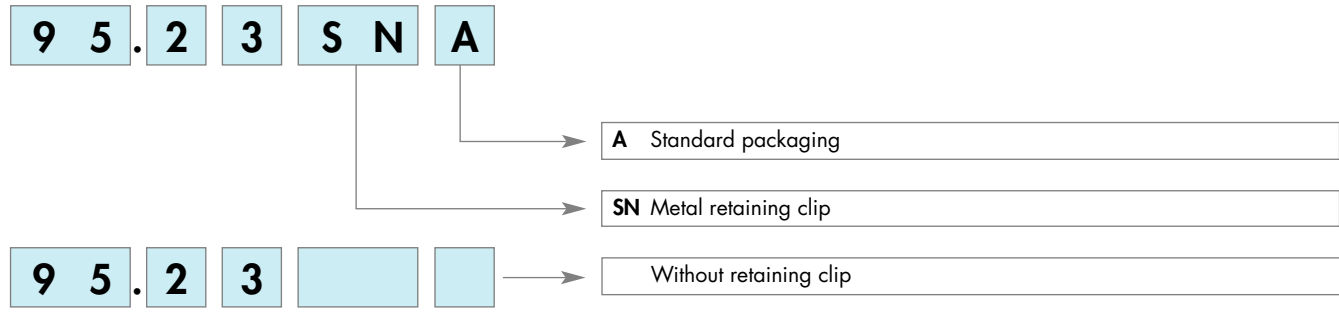


Copper side view

## PACKAGING CODES

How to code and identify retaining clip and packaging options for sockets.

Code options according to the last three letters:





95.05

Approvals  
(according to type):

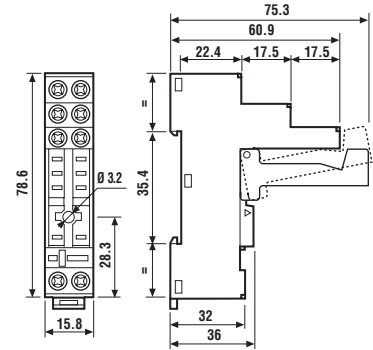


|  |                     |          |
|--|---------------------|----------|
| <b>Relay type</b>  | <b>44.52, 44.62</b> |          |
| Colour   | BLUE                | BLACK    |
| <b>Clamp terminal socket:</b> panel or 35 mm rail (EN 50022) mount retaining clip 095.01 supplied with socket packaging code SPA | 95.05               | 95.05.0  |
| Plastic retaining and release clip   | 095.01              | 095.01.0 |
| Metal retaining clip   | 095.71              |          |
| 8-way jumper link  | 095.18              | 095.18.0 |
| Identification tag   | 095.00.4            |          |
| Modules (see table below)  | 99.02               |          |
| Timer modules (see table below)  | 86.10, 86.20        |          |
| Sheet of marker tags for retaining and release clip 095.01   | 060.72              |          |

**44**

- Rated values: 10 A - 250 V
- Insulation:  $\geq 6$  kV (1.2/50  $\mu$ s) *between coil and contacts*
- Protection category: IP 20
- Ambient temperature: (-40...+70) $^{\circ}$ C
- $\oplus$  Screw torque: 0.5 Nm
- Wire strip length: 8 mm
- Max wire size:

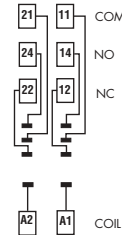
|                 | solid wire  | stranded wire |
|-----------------|-------------|---------------|
| mm <sup>2</sup> | 1x6 / 2x2.5 | 1x4 / 2x2.5   |
| AWG             | 1x10 / 2x14 | 1x12 / 2x14   |



095.01



060.72



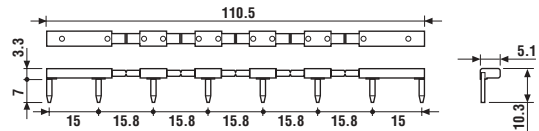
**FOR 95.05 SOCKET:**



095.18

|                          |        |
|--------------------------|--------|
| <b>8-way jumper link</b> | 095.18 |
|--------------------------|--------|

- Rated values: 10 A - 250 V



86.10

|   |                  |
|---|------------------|
| <b>86 series module timers</b> (see technical data pages 151/156) | BLUE             |
| Mono-function: (12...24)V AC/DC; function AI; (1.5s...60min)      | 86.10.0.024.0000 |
| Mono-function: (12...24)V AC/DC; function DI; (1.5s...60min)      | 86.20.0.024.0000 |

Approvals  
(according to type): GOST



99.02

Approvals  
(according to type):



|   |                    |                |
|---|--------------------|----------------|
| <b>99.02 coil indication and EMC suppression modules</b><br>(see technical data page 209) | BLUE*              |                |
| Diode** (+A1, standard polarity)  | (6...220)V DC      | 99.02.3.000.00 |
| LED   | (6...24)V DC/AC    | 99.02.0.024.59 |
| LED   | (28...60)V DC/AC   | 99.02.0.060.59 |
| LED   | (110...240)V DC/AC | 99.02.0.230.59 |
| LED + Diode** (+A1, standard polarity)  | (6...24)V DC       | 99.02.9.024.99 |
| LED + Diode** (+A1, standard polarity)  | (28...60)V DC      | 99.02.9.060.99 |
| LED + Diode** (+A1, standard polarity)  | (110...220)V DC    | 99.02.9.220.99 |
| LED + Varistor  | (6...24)V DC/AC    | 99.02.0.024.98 |
| LED + Varistor  | (28...60)V DC/AC   | 99.02.0.060.98 |
| LED + Varistor  | (110...240)V DC/AC | 99.02.0.230.98 |
| RC  | (6...24)V DC/AC    | 99.02.0.024.09 |
| RC  | (28...60)V DC/AC   | 99.02.0.060.09 |
| RC  | (110...240)V DC/AC | 99.02.0.230.09 |
| Residual current by-pass (62 k $\Omega$ /1W)  | (110...240)V AC    | 99.02.8.230.07 |

\* Modules in Black housing are available on request.

\*\*For DC supply, apply the positive to terminal A1.



95.85.3

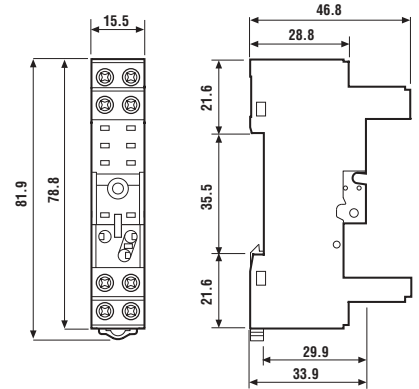
Approvals  
(according to type):



- Rated values: 10 A - 250 V
- Insulation:  $\geq 6$  kV (1.2/50  $\mu$ s) *between coil and contacts*
- Protection category: IP 20
- Ambient temperature: (-40...+70) $^{\circ}$ C
- Screw torque: 0.5 Nm
- Wire strip length: 7 mm
- Max wire size:

|                 | solid wire  | stranded wire |
|-----------------|-------------|---------------|
| mm <sup>2</sup> | 1x6 / 2x2.5 | 1x4 / 2x2.5   |
| AWG             | 1x10 / 2x14 | 1x12 / 2x14   |

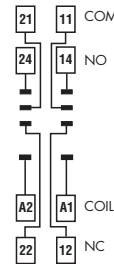
| Relay type  | 44.52, 44.62 |          |
|---|--------------|----------|
| Colour  | BLUE         | BLACK    |
| Clamp terminal socket: panel or 35 mm rail (EN 50022) mount retaining clip 095.91.3 supplied with socket packaging code SPA | 95.85.3      | 95.85.30 |
| Metal retaining clip  | 095.71       |          |
| Plastic retaining and release clip  | 095.91.3     |          |
| 8-way jumper link   | 095.08       | 095.08.0 |
| Modules (see table below)   | 99.80        |          |
| Sheet of marker tags for retaining and release clip 095.91.3  | 060.72       |          |


**44**


095.91.3



060.72



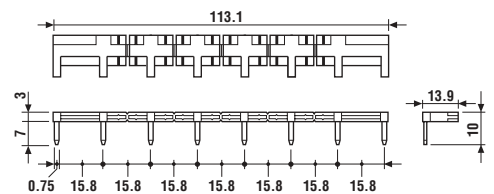
**FOR 95.85.3 SOCKET:**



095.08

|                          |        |
|--------------------------|--------|
| <b>8-way jumper link</b> | 095.08 |
|--------------------------|--------|

- Rated values: 10 A - 250 V



99.80

Approvals  
(according to type):

GOST

\* Modules in Black housing are available on request.

\*\*For DC supply, apply the positive to terminal A1.

Green LED is standard.  
Red LED available on request.

| 99.80 coil indication and EMC suppression modules<br>(see technical data page 209) |                    | BLUE*          |
|--|--------------------|----------------|
| Diode** (+A1, standard polarity)   | (6...220)V DC      | 99.80.3.000.00 |
| LED  | (6...24)V DC/AC    | 99.80.0.024.59 |
| LED  | (28...60)V DC/AC   | 99.80.0.060.59 |
| LED  | (110...240)V DC/AC | 99.80.0.230.59 |
| LED + Diode** (+A1, standard polarity)   | (6...24)V DC       | 99.80.9.024.99 |
| LED + Diode** (+A1, standard polarity)   | (28...60)V DC      | 99.80.9.060.99 |
| LED + Diode** (+A1, standard polarity)   | (110...220)V DC    | 99.80.9.220.99 |
| LED + Varistor   | (6...24)V DC/AC    | 99.80.0.024.98 |
| LED + Varistor   | (28...60)V DC/AC   | 99.80.0.060.98 |
| LED + Varistor   | (110...240)V DC/AC | 99.80.0.230.98 |
| RC circuit   | (6...24)V DC/AC    | 99.80.0.024.09 |
| RC circuit   | (28...60)V DC/AC   | 99.80.0.060.09 |
| RC circuit   | (110...240)V DC/AC | 99.80.0.230.09 |
| Residual current by-pass (62 k $\Omega$ /1W)                                       | (110...240)V AC    | 99.80.8.230.07 |



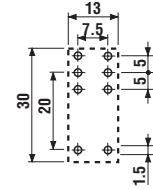
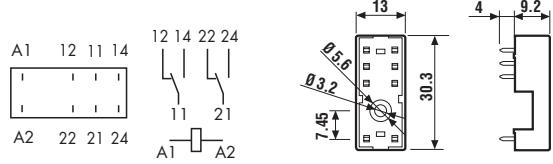
95.15.2

Approvals  
(according to type):



- Rated values: 10 A - 250 V
- Insulation:  $\geq 6$  kV (1.2/50  $\mu$ s) *between coil and contacts*
- Protection category: IP 20
- Ambient temperature: (-40...+70) $^{\circ}$ C

|  |                     |          |
|--|---------------------|----------|
| <b>Relay type</b>  | <b>44.52, 44.62</b> |          |
| Colour   | BLUE                | BLACK    |
| <b>P.C.B. socket</b>   | 95.15.2             | 95.15.20 |
| retaining clip 095.51 supplied with socket with packaging code SMA |                     |          |
| Metal retaining clip   | 095.51              |          |
| Plastic retaining clip   | 095.52              |          |



Copper side view

## PACKAGING CODES

How to code and identify retaining clip and packaging options for sockets.

Code options according to the last three letters:

