finder
RELAYING INNOVATION

# Timer modules

- Machines for ceramics
- Machines for paper processing
- Printing machines
- Packaging machines
- Wood-processing machines
- Milk processing plant
- Textile machines

86
SERIES

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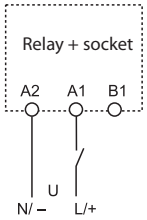
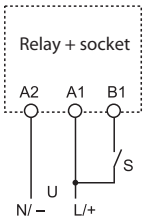
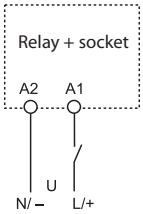
**Timer modules for use in conjunction with relay & socket**

**86.00 - Multi-function & multi-voltage timer module**

**86.30 - Bi-function & multi-voltage timer module**

- Timer module type 86.00 for 90, 92, 96 series sockets and type 86.30 for 90, 92, 94, 95, 96, 97 series sockets
- Wide supply voltage range:
  12…240 V AC/DC (86.00)
  12…24 V AC/DC, 110…125 V AC or 230…240 V AC (86.30)
- LED indicator
- ATEX versions available

| | | 86.00 | 86.30 | | |
|---|---|---|---|---|---|
| | | | | | |
| | | • Time scale: from 0.05 s to 100 h<br>• Multi-function<br>• Plug-in for use with 90.02, 90.03, 92.03 and 96.04 sockets | • Time scale: from 0.05 s to 100 h<br>• Bi-function<br>• Plug-in for use with 90.02, 90.03, 92.03, 94.P3, 94.P4, 94.02, 94.03, 94.04, 95.P3, 95.P5, 95.03, 95.05, 96.02, 96.04, 97.P1, 97.P2, 97.01 and 97.02 sockets | | |
| | | **AI:** On-delay<br>**DI:** Interval<br>**SW:** Symmetrical flasher (starting pulse on)<br>**BE:** Off-delay with control signal<br>**CE:** On- and off-delay with control signal<br>**DE:** Interval with control signal on<br>**EE:** Interval with control signal off<br>**FE:** Interval with control signal on and off | **AI:** On-delay<br>**DI:** Interval | | |
| | |  <br>Wiring diagram (without control signal) |  <br>Wiring diagram (with control signal) |  <br>Wiring diagram | |
| * For ATEX versions, refer to the "Other data" table on the page 4<br>For outline drawing see page 5 | | | | | |
| **Contact specification*** | | | | | |
| Contact configuration | | See 56, 60 and 62 series relays<br>Note: Do not use with relays 62.3x.x012.x300 and 62.3x.x012.x600 | See 40, 46, 55, 56, 60 and 62 series relays | | |
| Rated current/Maximum peak current | A | | | | |
| Rated voltage/ Maximum switching voltage | V AC | | | | |
| Rated load AC1 | VA | | | | |
| Rated load AC15 (230 V AC) | VA | | | | |
| Single phase motor rating (230 V AC) | kW | | | | |
| Breaking capacity DC1: 24/110/220 V | A | | | | |
| Minimum switching load | mW (V/mA) | | | | |
| Standard contact material | | | | | |
| **Supply specification*** | | | | | |
| Nominal voltage ($U_N$) | V AC (50/60 Hz) | 12…240 | 12…24 | 110…125 | 230…240 |
| | V DC | 12…240 | 12…24 | — | — |
| Rated power AC/DC | W | 1.2 | 0.15 | | |
| Operating range | V AC (50/60 Hz) | 10.2…265 | 9.6…33.6 | 88…137 | 184…265 |
| | DC | 10.2…265 | 9.6…33.6 | — | — |
| **Technical data** | | | | | |
| Specified time range | | (0.05…1)s, (0.5…10)s, (5…100)s, (0.5…10)min, (5…100)min, (0.5…10)h, (5…100)h | | | |
| Repeatability | % | ± 1 | ± 1 | | |
| Recovery time | ms | ≤ 50 | ≤ 50 | | |
| Minimun control impulse | ms | 50 | — | | |
| Setting accuracy full range | % | ± 5 | ± 5 | | |
| Electrical life at rated load in AC1 | cycles | See 56, 60 and 62 series relays | See 40, 46, 55, 56, 60 and 62 series relays | | |
| Ambient temperature range | °C | –20…+50 | –20…+50 | | |
| Protection category | | IP 20 | IP 20 | | |
| **Approvals** (according to type) | | CE UK CA Ex EAC c UL us | | | |



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## Ordering information

Example: 86 series multi-function timer module, (12…240)V AC/DC supply voltage.

**8 6 . 0 0 . 0 . 2 4 0 . 0 0 0 0**

**Series**

**Type**
0 = Multi-function (AI, DI, SW, BE, CE, DE, EE, FE)
3 = Bi-function (AI, DI)

**No. of poles**
See 40, 46, 55, 56, 60 and 62 series relays
Poles for chosen relay/socket combination - according to chart below

**Supply voltage**
024 = (12…24)V AC/DC (86.30 only)
120 = (110…125)V AC (86.30 only)
240 = (12…240)V AC/DC (86.00 only)
240 = (12…48) V AC/DC (86.00.0.240.0073 only)
240 = (230…240)V AC (86.30 only)

**Supply version**
0 = AC (50/60 Hz)/DC
8 = AC (50/60 Hz)

## Combinations

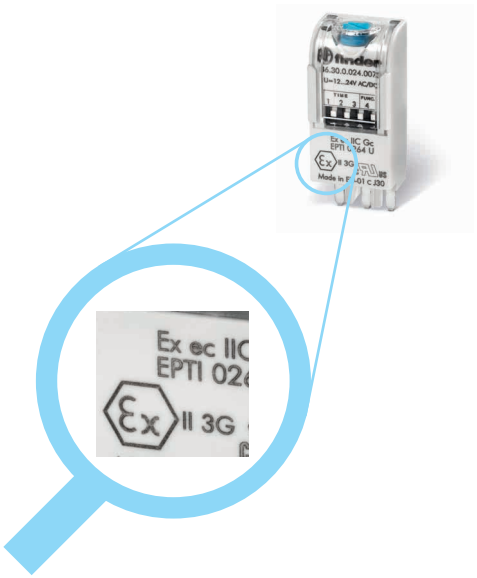
| Number of poles | Relay type | Socket type | Timer module |
|---|---|---|---|
| 1 | 40.31 | 95.P3/95.03 | 86.30 |
| 1 | 40.51/61 | 95.P5/95.05 | 86.30 |
| 1 | 46.61 | 97.P1/97.01 | 86.30 |
| 2 | 40.52/40.62 | 95.P5/95.05 | 86.30 |
| 2 | 46.52 | 97.P2/97.02 | 86.30 |
| 2 | 55.32 | 94.P4/94.02 | 86.30 |
| 2 | 56.32 | 96.02 | 86.30 |
| 2 | 60.12 | 90.02 | 86.00/86.30 |
| 2 | 62.32 | 92.03 | 86.00/86.30 |
| 3 | 55.33 | 94.P3/94.03 | 86.30 |
| 3 | 60.13 | 90.03 | 86.00/86.30 |
| 3 | 62.33 | 92.03 | 86.00/86.30 |
| 4 | 55.34 | 94.P4/94.04 | 86.30 |
| 4 | 56.34 | 96.04 | 86.00/86.30 |

## Other data Timer ATEX versions

| Code available | Nominal voltage | Operating range | Use temperature |
|---|---|---|---|
| 86.30.0.024.0073 | 12-24 V AC/DC | 9.6…33.6 V AC/DC | –20…+50°C |

## Markings - ATEX versions - ATEX, II 3G Ex ec IIC Gc

| MARKING | |
|---|---|
| Ex<br>Specific marking of explosion protection | |
| **II**<br>Component for surface plant (different from mines) | |
| **3**<br>Category 3: normal level of protection | |
| GAS | **G**<br>Explosive atmosphere due to presence of combustible gas vapour or mist |
| | **Ex ec**<br>Increased security |
| | **IIC**<br>Gas group |
| | **Gc**<br>Equipment Protection Level |
| **–20 °C ≤ Ta ≤ +50 °C**<br>Ambient temperature | |
| **EPTI 17 ATEX 0264 U**<br>EPTI: laboratory which issues the CE type certificate<br>17: year of issue of certificate<br>0264: number of CE type certificate | |
| **U: ATEX component** | |



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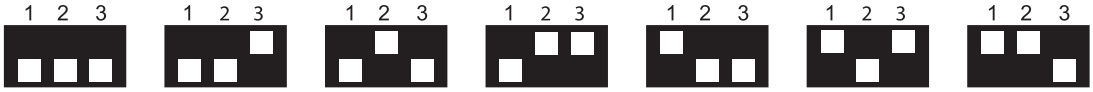
## Technical data

| EMC specifications | | | | |
|---|---|---|---|---|
| **Type of test** | | **Reference standard** | **86.00** | **86.30** |
| Electrostatic discharge | contact discharge | EN 61000-4-2 | 4 kV | n.a. |
| | air discharge | EN 61000-4-2 | 8 kV | 8 kV |
| Radio-frequency electromagnetic field (80 ÷ 1000 MHz) | | EN 61000-4-3 | 10 V/m | 10 V/m |
| Fast transients (burst) (5-50 ns, 5 kHz) on Supply terminals | | EN 61000-4-4 | 4 kV | 2 kV |
| Surges (1.2/50 µs) on Supply terminals | common mode | EN 61000-4-5 | 4 kV | 2 kV |
| | differential mode | EN 61000-4-5 | 4 kV | 1 kV |
| Radio-frequency common mode (0.15 ÷ 80 MHz) on Supply terminals | | EN 61000-4-6 | 10 V | 10 V |
| Radiated and conducted emission | | EN55022 | class B | class B |

| Other data | | | | | |
|---|---|---|---|---|---|
| | | | **86.00** | | **86.30** |
| Current absorption on signal control (B1) | | mA | 1 | | — |
| Power lost to the environment | without contact current | W | 0.1 (12 V) - 1 (230 V) | | 0.2 |
| | with rated current | | See 56, 60 and 62 series relays | | See 40, 46, 55, 56, 60, 62 series relays |
| Max. wire size | | | solid cable | stranded cable | |
| | | mm² | 1 x 4 / 2 x 2.5 | 1 x 4 / 2 x 2.5 | |
| | | AWG | 1 x 12 / 2 x 14 | 1 x 12 / 2 x 14 | |

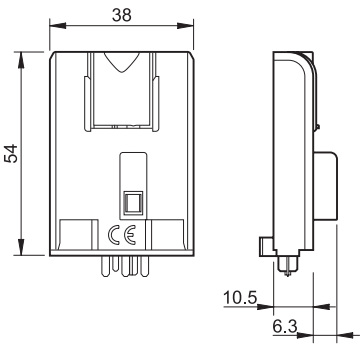
## Times scales



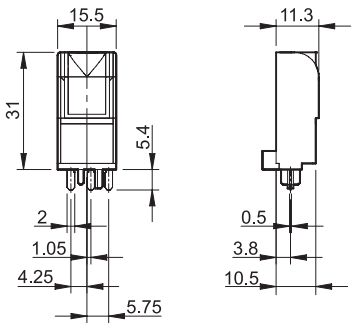

NOTE: Time scales and functions must be set before energising the timer.
To achieve the minimum time setting of 0.05 seconds it is necessary to use one of the functions with control signal.
When setting very short times it may be necessary to take into account the operate time of the relay used.

## Outline drawings

Type 86.00




Type 86.30



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## Functions

**U** = Supply voltage

**S** = Signal switch

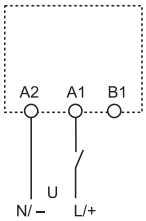
= Output contact

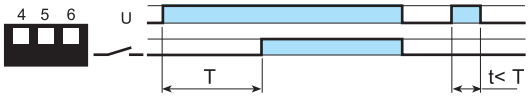
| LED Type 86.00 | LED Type 86.30 | Supply voltage | NO output contact |
|---|---|---|---|
| | | OFF | Open |
| | | ON | Open |
| | | ON | Open (Timing in Progress) |
| | | ON | Closed |

Without control signal = Start via contact in supply line (A1).
With control signal = Start via contact into control terminal (B1).

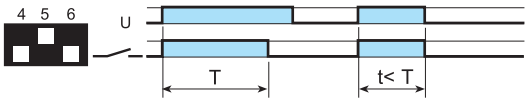
### Wiring diagram — Type 86.00

Without control signal

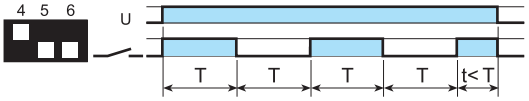



**(AI) On-delay.**
Apply power to timer. Output contacts transfer after preset time has elapsed. Reset occurs when power is removed.

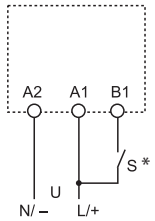



**(DI) Interval.**
Apply power to timer. Output contacts transfer immediately. After the preset time has elapsed, contacts reset.

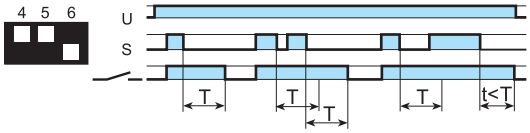



**(SW) Symmetrical flasher (starting pulse on).**
Apply power to timer. Output contacts transfer immediately and cycle between ON and OFF for as long as power is applied. The ratio is 1:1 (time on = time off).

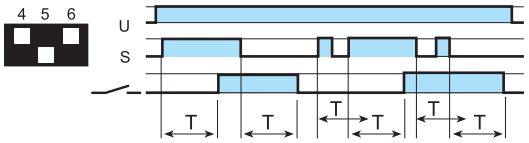
With control signal



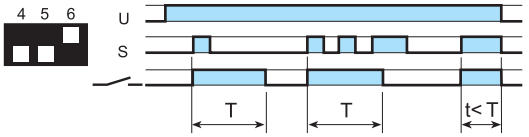

* With DC supply, positive polarity has to be conneted to B1 terminal (according to EN 60204-1).
Switch S should be exclusively used to provide the control signal to terminal B1. (Do not connect any other load at this point).



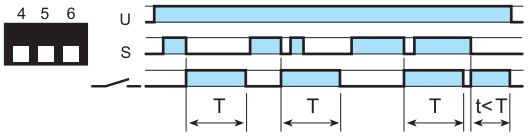

**(BE) Off-delay with control signal.**
Power is permanently applied to the timer.
The output contacts transfer immediately on closure of the Signal Switch (S). Opening the Signal Switch initiates the preset delay, after which time the output contacts reset.



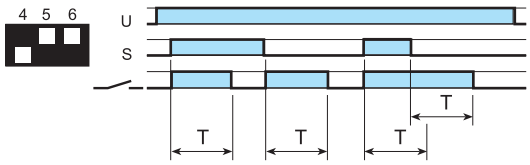

**(CE) On- and off-delay with control signal.**
Power is permanently applied to the timer.
Closing the Signal Switch (S) initiates the preset delay, after which time the output contacts transfer. Opening the Signal switch initiates the same preset delay, after which time the output contacts reset.




**(DE) Interval with control signal on.**
Power is permanently applied to the timer.
On momentary or maintained closure of Signal Switch (S), the output contacts transfer, and remain so for the duration of the preset delay, after which they reset.

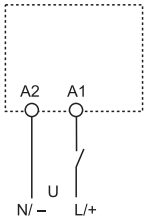


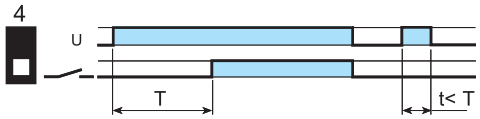

**(EE) Interval with control signal off.**
Power is permanently applied to the timer.
On opening of the Signal Switch (S) the output contacts transfer, and remain so for the duration of the preset delay, after which they reset.



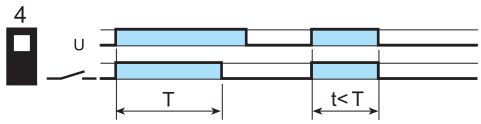

**(FE) Interval with control signal on and off.**
Power is permanently applied to the timer.
Both the opening and closing of the Signal Switch (S) initiates the transfer of the output contacts. In both instances the contacts reset after the delay period has elapsed.

### Wiring diagram — Type 86.30




**(AI) On-delay.**
Apply power to timer. Output contacts transfer after preset time has elapsed. Reset occurs when power is removed.




**(DI) Interval.**
Apply power to timer. Output contacts transfer immediately. After the preset time has elapsed, contacts reset.



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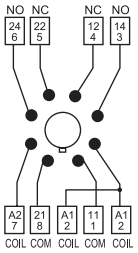
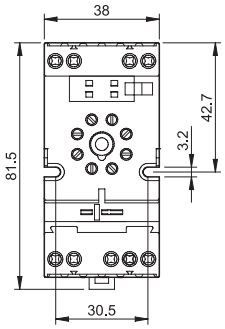
**90.03**
Approvals
(according to type):

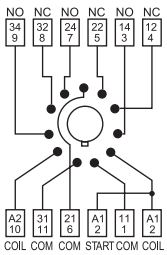
| **Box clamp socket**<br>panel or 35 mm rail (EN 60715) mount | | **90.02**<br>**Blue** | **90.02.0**<br>**Black** | **90.03**<br>**Blue** | **90.03.0**<br>**Black** |
|---|---|---|---|---|---|
| For relay type | | 60.12 | | 60.13 | |
| **Accessories** | | | | | |
| Metal retaining clip | | 090.33 | | | |
| 6-way jumper link | | 090.06 | | | |
| Identification tag | | 090.00.2 | | | |
| Timer module | | 86.00, 86.30 | | | |
| **Technical data** | | | | | |
| Double terminal A1 (for easy start connection) | | — | | | |
| Rated values | | 10 A - 250 V | | | |
| Dielectric strength | | 2 kV AC | | | |
| Protection category | | IP 20 | | | |
| Ambient temperature | °C | –40…+70 | | | |
| Screw torque | Nm | 0.6 | | | |
| Wire strip length | mm | 10 | | | |
| Max. wire size for 90.02 and 90.03 sockets | | solid wire | | stranded wire | |
| | mm² | 1 x 6 / 2 x 2.5 | | 1 x 4 / 2 x 2.5 | |
| | AWG | 1 x 10 / 2 x 14 | | 1 x 12 / 2 x 14 | |



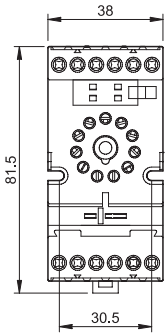

90.02



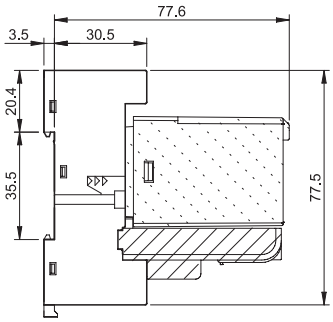

90.02




90.03



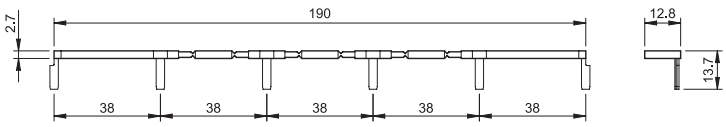

90.03




90.03 + 60.13 + 86.00

**090.06**
Approvals
(according to type):

| **6-way jumper link** for 90.02 and 90.03 sockets | 090.06 |
|---|---|
| Rated values | 10 A - 250 V |



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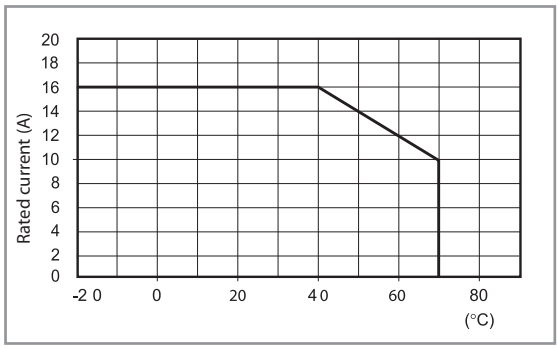
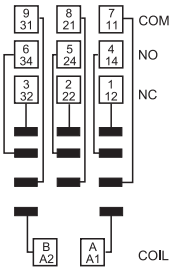
92.03

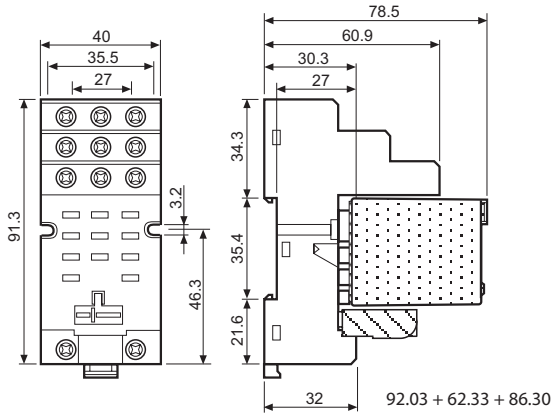
Approvals
(according to type):

| Box clamp socket<br>panel or 35 mm rail (EN 60715) mount | | 92.03<br>Blue | 92.03.0<br>Black |
|---|---|---|---|
| For relay type | | 62.32, 62.33 | |
| **Accessories** | | | |
| Metal retaining clip<br>(supplied with socket - packaging code SMA) | | 092.71 | |
| Identification tag | | 092.00.2 | |
| Timer modules | | 86.00, 86.30 | |
| **Technical data** | | | |
| Rated values | | 16 A - 250 V | |
| Dielectric strength | | 6 kV (1.2/50 µs) between coil and contacts | |
| Protection category | | IP 20 | |
| Ambient temperature | °C | –40…+70 (see diagram L92) | |
| Screw torque | Nm | 0.8 | |
| Wire strip length | mm | 10 | |
| Max. wire size for 92.03 socket | | solid wire | stranded wire |
| | mm² | 1 x 10 / 2 x 4 | 1 x 6 / 2 x 4 |
| | AWG | 1 x 8 / 2 x 12 | 1 x 10 / 2 x 12 |

**L 92 - Rated current v ambient temperature**






V-2026, www.findernet.com

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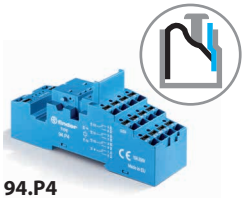
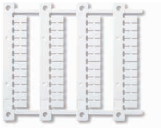


94.P4

Approvals (according to type):

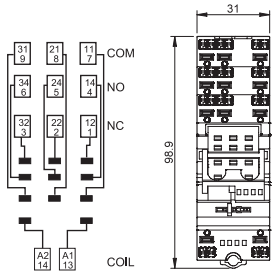
Certain relay/socket combinations

094.91.3

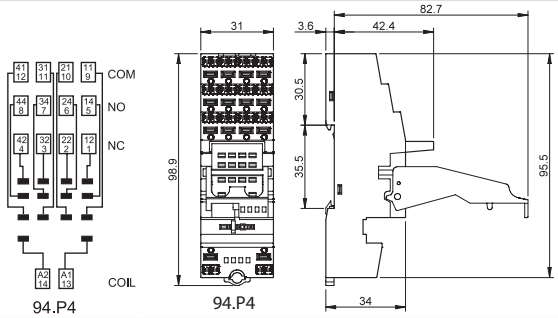


060.48

| **Push-in terminal socket**<br>panel or 35 mm (EN 60715) rail mount | | **94.P3**<br>**Blue** | **94.P4**<br>**Blue** |
|---|---|---|---|
| For relay type | | 55.33 | 55.32, 55.34 |
| **Accessories** | | | |
| Metal retaining clip | | 094.71 | |
| Plastic retaining and release clip<br>(supplied with socket - packaging code SPA) | | 094.91.3 | |
| 6-way jumper link | | 094.56 | |
| Identification tag | | 094.00.4 | |
| 2-way jumper link | | 094.52.1 | |
| 2-way jumper link | | 097.52 | |
| Marker tag holder | | 097.00 | |
| Timer modules (see table below) | | 86.30 | |
| Sheet of marker tags for plastic retaining and release clip 094.91.3 and for marker tag holder 097.00 , 48 tags, 6 x 12 mm for CEMBRE thermal transfer printers | | 060.48 | |
| **Technical data** | | | |
| Rated values | | 10 A - 250 V | |
| Dielectric strength | | 2 kV AC | |
| Protection category | | IP 20 | |
| Ambient temperature | °C | –40…+70 | |
| Wire strip length | mm | 8 | |
| Min. wire size for 94.P3 and 94.P4 sockets | | solid wire | stranded wire |
| | mm² | 0.5 | 0.5 |
| | AWG | 21 | 21 |
| Max. wire size for 94.P3 and 94.P4 sockets | | solid wire | stranded wire |
| | mm² | 2 x 1.5 / 1 x 2.5 | 2 x 1.5 / 1 x 2.5 |
| | AWG | 2 x 18 / 1 x 14 | 2 x 18 / 1 x 14 |



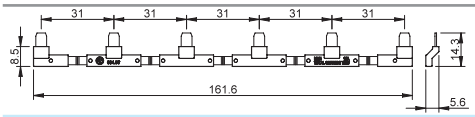

94.P3 94.P3




94.P4 94.P4

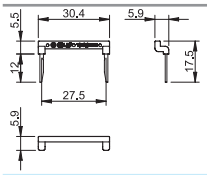
094.56

| **6-way jumper link** for 94.P3 and 94.P4 sockets | 094.56 (blue) |
|---|---|
| Rated values | 10 A - 250 V |



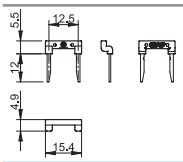
094.52.1

| **2-way jumper link** for 94.P3 and 94.P4 sockets | 094.52.1 |
|---|---|
| Rated values | 10 A - 250 V |



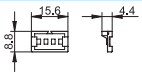
097.52

| **2-way jumper link** for 94.P3 and 94.P4 sockets | 097.52 |
|---|---|
| Rated values | 10 A - 250 V |



097.00

| **Marker tag holder** for 94.P3 and 94.P4 sockets | 097.00 |
|---|---|



86.30

| **86 series timer modules** | |
|---|---|
| (12…24)V AC/DC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.0.024.0000 |
| (110…125)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.120.0000 |
| (230…240)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.240.0000 |

Approvals (according to type):



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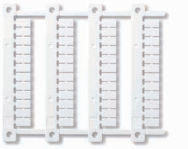
# 86 SERIES
## Sockets and accessories

94.04

Approvals
(according to type):

Certain relay/socket combinations

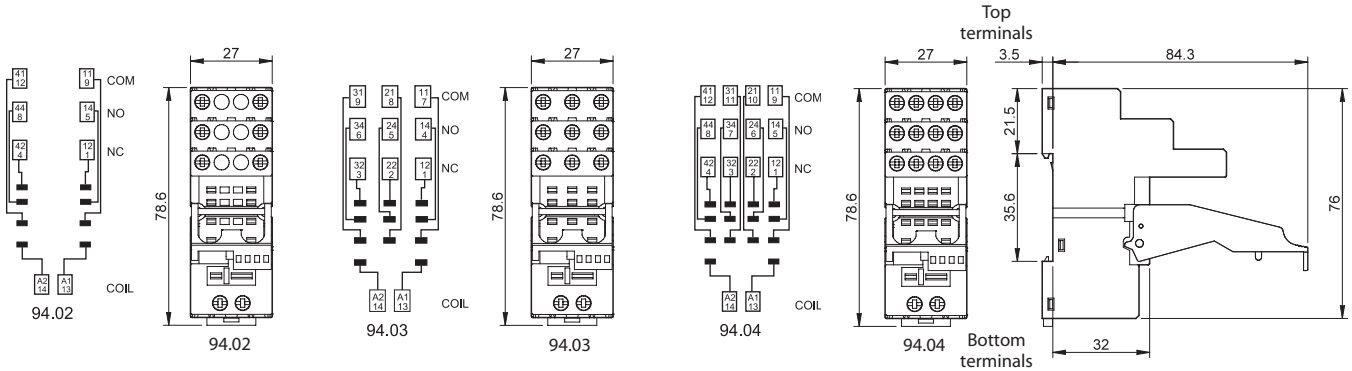
094.91.3



060.48

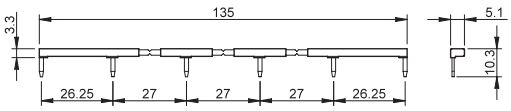
| **Box clamp socket**<br>panel or 35 mm (EN 60715) rail mount | **94.02**<br>**Blue** | **94.02.0**<br>**Black** | **94.03**<br>**Blue** | **94.03.0**<br>**Black** | **94.04**<br>**Blue** | **94.04.0**<br>**Black** |
|---|---|---|---|---|---|---|
| For relay type | 55.32 | | 55.33 | | 55.32, 55.34 | |
| **Accessories** | | | | | | |
| Metal retaining clip | 094.71 | | | | | |
| Plastic retaining and release clip<br>(supplied with socket - packaging code SPA) | 094.91.3 | 094.91.30 | 094.91.3 | 094.91.30 | 094.91.3 | 094.91.30 |
| 6-way jumper link | 094.06 | 094.06.0 | 094.06 | 094.06.0 | 094.06 | 094.06.0 |
| Identification tag | 094.00.4 | | | | | |
| Marker tag holder | 097.00 | | | | | |
| Timer modules (see table below) | 86.30 | | | | | |
| Sheet of marker tags for plastic retaining and release clip 094.91.3 and for marker tag holder 097.00 , 48 tags, 6 x 12 mm for CEMBRE thermal transfer printers | 060.48 | | | | | |

| **Technical data** | | | |
|---|---|---|---|
| Rated values | | 10 A - 250 V | |
| Dielectric strength | | 2 kV AC | |
| Protection category | | IP 20 | |
| Ambient temperature | °C | –40…+70 | |
| Screw torque | Nm | 0.5 | |
| Wire strip length | mm | 8 | |
| Max. wire size for 94.02/03/04 sockets | | solid wire | stranded wire |
| | mm² | 1 x 6 / 2 x 2.5 | 1 x 4 / 2 x 2.5 |
| | AWG | 1 x 10 / 2 x 14 | 1 x 12 / 2 x 14 |



094.06

| **6-way jumper link** for 94.02, 94.03 and 94.04 sockets | 094.06 (blue) | 094.06.0 (black) |
|---|---|---|
| Rated values | 10 A - 250 V | |



86.30

| **86 series timer modules** | |
|---|---|
| (12…24)V AC/DC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.0.024.0000 |
| (110…125)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.120.0000 |
| (230…240)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.240.0000 |

Approvals (according to type):



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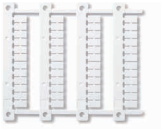
95.P5

Approvals
(according to type):

095.91.3

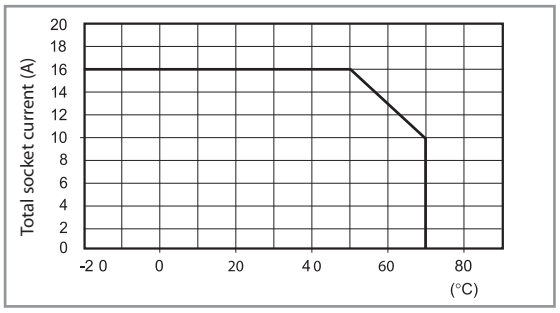


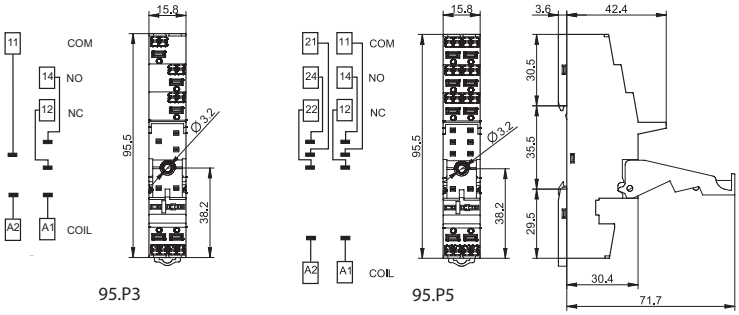
060.48

| **Push-in terminals socket** panel or 35 mm rail mount | | **95.P3** | **95.P5** |
|---|---|---|---|
| For relay type | | 40.31 | 40.51/ 52/ 61/ 62 |
| **Accessories** | | | |
| Metal retaining clip | | 095.71 | |
| Plastic retaining and release clip (supplied with socket - packaging code SPA) | | 095.91.3 | |
| 8-way jumper link | | 097.58 | |
| 2-way jumper link (12.5 mm pitch) | | 097.52 | |
| 2-way jumper link (4.6 mm pitch) | | 097.42 | |
| Marker tag holder (for tags 060.48 type) | | 097.00 | |
| Timer modules (see table below) | | 86.30 | |
| Identification tag | | 095.00.4 | |
| Sheet of marker tags for plastic retaining and release clip 095.91.3 and for marker tag holder 097.00, 48 tags, 6 x 12 mm, for CEMBRE thermal transfert printer | | 060.48 | |
| **Technical data** | | | |
| Rated values | | 10 A - 250 V* | |
| Dielectric strength | | 6 kV (1.2/50 µs) between coil and contacts | |
| Protection category | | IP 20 | |
| Ambient temperature | °C | –40…+70 (see diagram L95) | |
| Wire strip length | mm | 8 | |
| Min. wire size for 95.P3 and 95.P5 sockets | | solid wire | stranded wire |
| | mm² | 0.5 | 0.5 |
| | AWG | 21 | 21 |
| Max. wire size for 95.P3 and 95.P5 sockets | | solid wire | stranded wire |
| | mm² | 2 x 1.5 / 1 x 2.5 | 2 x 1.5 / 1 x 2.5 |
| | AWG | 2 x 18 / 1 x 14 | 2 x 18 / 1 x 14 |

* For currents > 10 A, contact terminals must be connected in parallel (21 with 11, 24 with 14, 22 with 12).
With the relay 40.51 the change-over contact will be 21-12-14.

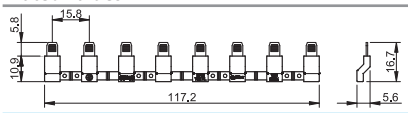
**L 95 - Total socket current v ambient temperature**



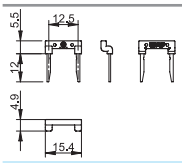
097.58

| **8-way jumper link** for 95.P3 and 95.P5 sockets | 097.58 |
|---|---|
| Rated values | 10 A - 250 V |



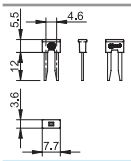
097.52

| **2-way jumper link** for 95.P3 and 95.P5 sockets | 097.52 |
|---|---|
| Rated values | 10 A - 250 V |



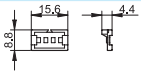
097.42

| **2-way jumper link** for 95.P3 and 95.P5 sockets | 097.42 |
|---|---|
| Rated values | 10 A - 250 V |



097.00

| **Marker tag holder** for 95.P3 and 95.P5 sockets | 097.00 |
|---|---|



86.30

| **86 series timer modules** | |
|---|---|
| (12…24)V AC/DC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.0.024.0000 |
| (110…125)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.120.0000 |
| (230…240)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.240.0000 |

Approvals (according to type):

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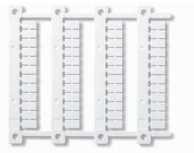
# 86 SERIES
## Sockets and accessories

95.05

Approvals (according to type):

Certain relay/socket combinations

095.01

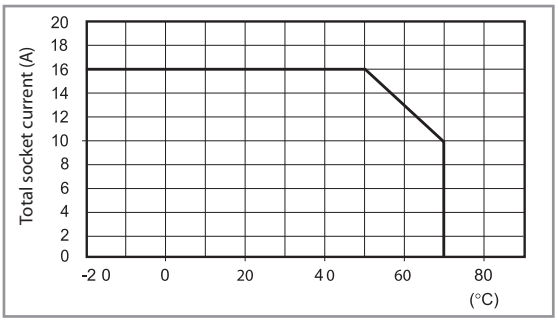


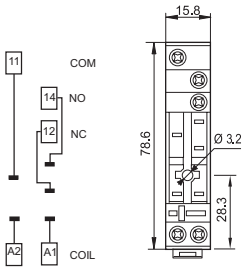
060.48

| Box clamp socket<br>panel or 35 mm rail mount | | 95.03<br>Blue | 95.03.0<br>Black | 95.05<br>Blue | 95.05.0<br>Black |
|---|---|---|---|---|---|
| For relay type | | 40.31 | | 40.51, 40.52, 40.61, 40.62 | |
| **Accessories** | | | | | |
| Metal retaining clip | | 095.71 | | | |
| Plastic retaining and release clip<br>(supplied with socket - packaging code SPA) | | 095.01 | 095.01.0 | 095.01 | 095.01.0 |
| 8-way jumper link | | 095.18 | 095.18.0 | 095.18 | 095.18.0 |
| Marker tag holder (for tags 060.48 type) | | 097.00 | | | |
| Identification tag | | 095.00.4 | | | |
| Timer modules (see table below) | | 86.30 | | | |
| Sheet of marker tags for plastic retaining and release clip 095.01 and for marker tag holder 097.00, 48 tags, 6 x 12 mm, for CEMBRE thermal transfer printers | | 060.48 | | | |
| **Technical data** | | | | | |
| Rated values | | 10 A - 250 V* | | | |
| Dielectric strength | | 6 kV (1.2/50 µs) between coil and contacts | | | |
| Protection category | | IP 20 | | | |
| Ambient temperature | °C | –40…+70 (see diagram L95) | | | |
| Screw torque | Nm | 0.5 | | | |
| Wire strip length | mm | 8 | | | |
| Max. wire size for 95.03 and 95.05 sockets | | solid wire | | stranded wire | |
| | mm² | 1 x 6 / 2 x 2.5 | | 1 x 4 / 2 x 2.5 | |
| | AWG | 1 x 10 / 2 x 14 | | 1 x 12 / 2 x 14 | |

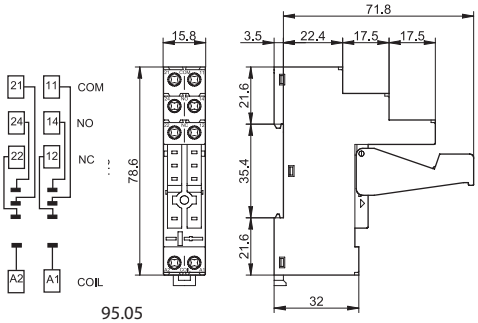
* For currents > 10 A, contact terminals must be connected in parallel (21 with 11, 24 with 14, 22 with 12).

**L 95 - Total socket current v ambient temperature**



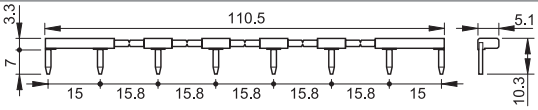

95.03




95.05

095.18

| **8-way jumper link** for 95.03 and 95.05 sockets | 095.18 (blue) | 095.18.0 (black) |
|---|---|---|
| Rated values | 10 A - 250 V | |



86.30

| **86 series timer modules** | |
|---|---|
| (12…24)V AC/DC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.0.024.0000 |
| (110…125)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.120.0000 |
| (230…240)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.240.0000 |

Approvals (according to type):



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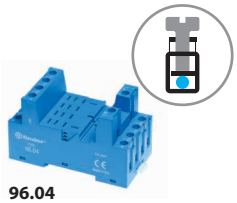
96.02

Approvals
(according to type):

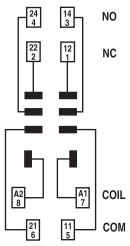


96.04

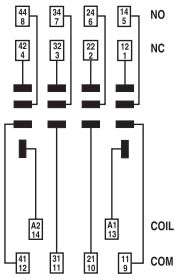
Approvals
(according to type):

094.91.3

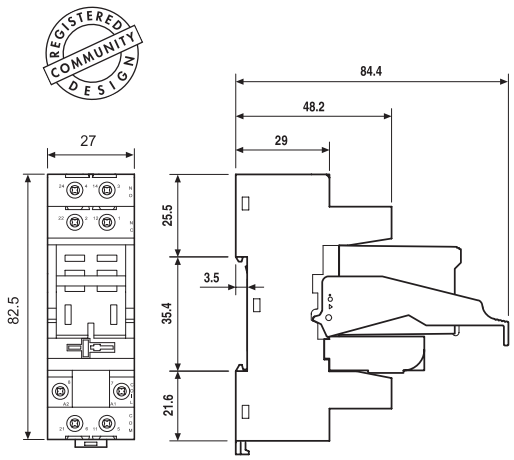
| **Box clamp socket**<br>panel or 35 mm rail (EN 60715) mount | | **96.02**<br>**Blue** | **96.02.0**<br>**Black** | **96.04**<br>**Blue** | **96.04.0**<br>**Black** |
|---|---|---|---|---|---|
| For relay type | | 56.32 | | 56.34 | |
| **Accessories** | | | | | |
| Metal retaining clip<br>(supplied with socket - packaging code SMA) | | 094.71 | | 096.71 | |
| Plastic retaining and release clip<br>(supplied with socket - packaging code SPA) | | 094.91.3 | 094.91.30 | — | — |
| 6-way jumper link | | 094.06 | 094.06.0 | — | — |
| Identification tag | | 095.00.4 | | 090.00.2 | |
| Timer modules | | 86.30 | | 86.00, 86.30 | |
| **Technical data** | | | | | |
| Rated values | | 12 A - 250 V | | | |
| Dielectric strength | | 2 kV AC | | | |
| Protection category | | IP 20 | | | |
| Ambient temperature | °C | –40…+70 | | | |
| Screw torque | Nm | 0.8 | | | |
| Wire strip length | mm | 8 | | | |
| Max. wire size for 96.02/04 sockets | | solid wire | | stranded wire | |
| | mm² | 1 x 6 / 2 x 2.5 | | 1 x 4 / 2 x 2.5 | |
| | AWG | 1 x 10 / 2 x 14 | | 1 x 12 / 2 x 14 | |



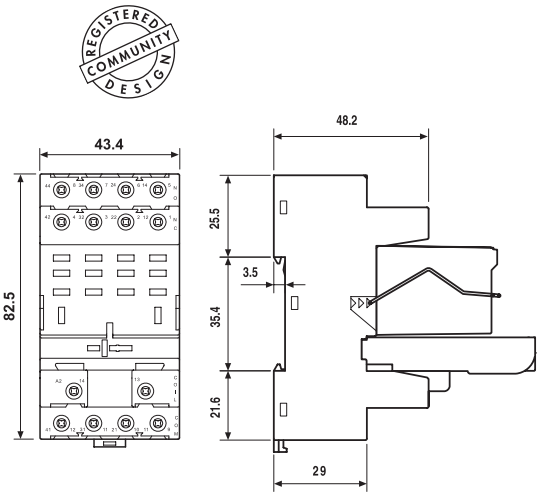

96.02




96.04



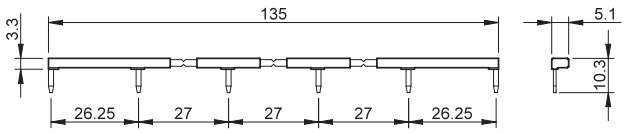

96.02 96.02 + 56.32 + 094.91.3 + 86.30




96.04 96.04 + 56.34 + 096.71 + 86.00

094.06

| **6-way jumper link** for 96.02 socket | 094.06 (blue) | 094.06.0 (black) |
|---|---|---|
| Rated values | 10 A - 250 V | |



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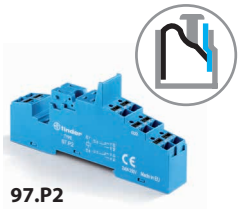
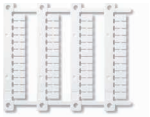
# 86 SERIES
## Sockets and accessories



97.P2

Approvals
(according to type):

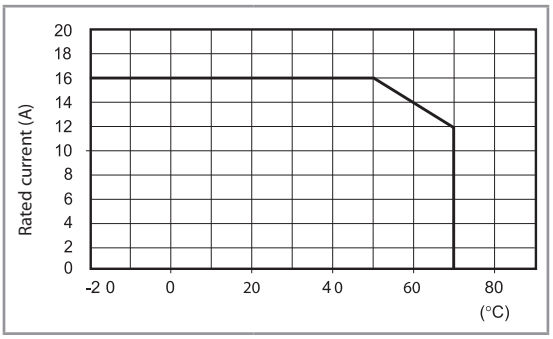
097.01

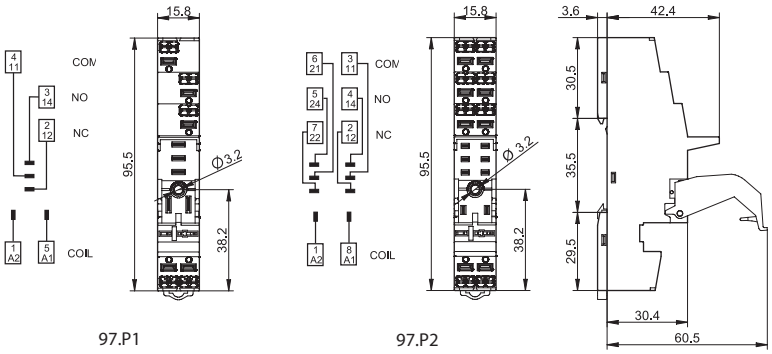


060.48

| **Push-in terminal socket** panel or 35 mm rail (EN 60715) mount | | **97.P1** | **97.P2** |
|---|---|---|---|
| For relay type | | 46.61 | 46.52 |
| **Accessories** | | | |
| Plastic retaining and release clip (supplied with socket - packaging code SPA) | | 097.01 | |
| Metal retaining clip | | 097.71 | |
| Identification tag | | 095.00.4 | |
| 8-way jumper link | | 097.58 | |
| 2-way jumper link | | 097.52 | |
| 2-way jumper link | | 097.42 | |
| Marker tag holder | | 097.00 | |
| Timer modules (see table below) | | 86.30 | |
| Sheet of marker tags for marker tag holder 097.00, 48 tags, 6 x 12 mm, for CEMBRE thermal transfer printers | | 060.48 | |
| **Technical data** | | | |
| Rated values | | 16 A-250 V AC | 8 A-250 V AC |
| Dielectric strength | | 6 kV (1.2/50 µs) between coil and contacts | |
| Protection category | | IP 20 | |
| Ambient temperature | °C | –40…+70 (see diagram L97) | |
| Wire strip length | mm | 8 | |
| Min. wire size for 97.P1 and 97.P2 socket | | solid wire | stranded wire |
| | mm² | 0.5 | 0.5 |
| | AWG | 21 | 21 |
| Max. wire size for 97.P1 and 97.P2 socket | | solid wire | stranded wire |
| | mm² | 2 x 1.5 / 1 x 2.5 | 2 x 1.5 / 1 x 2.5 |
| | AWG | 2 x 18 / 1 x 14 | 2 x 18 / 1 x 14 |

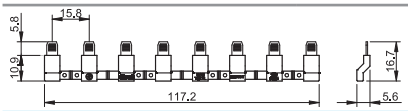
**L 97 - Rated current v ambient temperature**



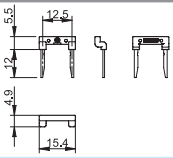
097.58

| **8-way jumper link** for 97.P1 and 97.P2 sockets | 097.58 |
|---|---|
| Rated values | 10 A - 250 V |



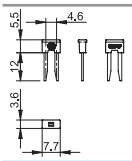
097.52

| **2-way jumper link** for 97.P1 and 97.P2 sockets | 097.52 |
|---|---|
| Rated values | 10 A - 250 V |



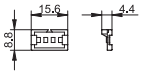
097.42

| **2-way jumper link** for 97.P1 and 97.P2 sockets | 097.42 |
|---|---|
| Rated values | 10 A - 250 V |



097.00

| **Marker tag holder** for 95.P3 and 95.P5 sockets | 097.00 |
|---|---|



86.30

| **86 series timer modules** | |
|---|---|
| (12…24)V AC/DC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.0.024.0000 |
| (110…125)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.120.0000 |
| (230…240)V AC; Bi-function: AI, DI; (0.05 s…100 h) | 86.30.8.240.0000 |

Approvals (according to type):

V-2026, www.findernet.com



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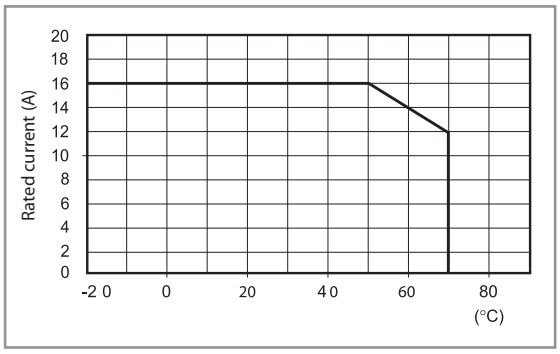
97.01

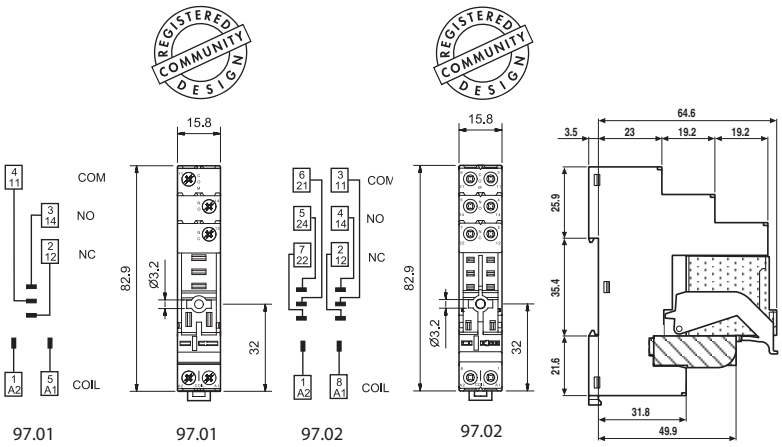
Approvals
(according to type):

097.01

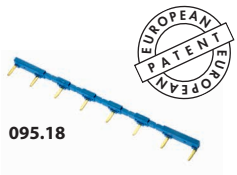
| Box clamp socket<br>panel or 35 mm rail (EN 60715) mount | | 97.01<br>Blue | 97.02<br>Blue |
|---|---|---|---|
| For relay type | | 46.61 | 46.52 |
| **Accessories** | | | |
| Plastic retain and eject clip<br>(supplied with socket - packaging code SPA) | | 097.01 | |
| 8-way jumper link | | 095.18 (blue) | 095.18.0 (black) |
| Identification tag | | 095.00.4 | |
| Timer modules | | 86.30 | |
| **Technical data** | | | |
| Rated current | | 16 A - 250 V AC | 8 A - 250 V AC |
| Dielectric strength | | 6 kV (1.2/50 µs) between coil and contacts | |
| Protection category | | IP 20 | |
| Ambient temperature | °C | –40…+70 (see diagram L97) | |
| Screw torque | Nm | 0.8 | |
| Wire strip length | mm | 8 | |
| Max. wire size for 97.01 and 97.02 sockets | | solid wire | stranded wire |
| | $mm^2$ | 1 x 6 / 2 x 2.5 | 1 x 4 / 2 x 2.5 |
| | AWG | 1 x 10 / 2 x 14 | 1 x 12 / 2 x 14 |

**L 97 - Rated current v ambient temperature**
(for 46.61 relay / 97.01 socket combination)



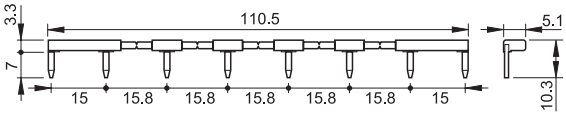




97.02 + 46.52 + 097.01
+ 86.30



095.18

| **8-way jumper link** for 97.01 and 97.02 sockets | 095.18 (blue) | 095.18.0 (black) |
|---|---|---|
| Rated values | 10 A - 250 V | |



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