

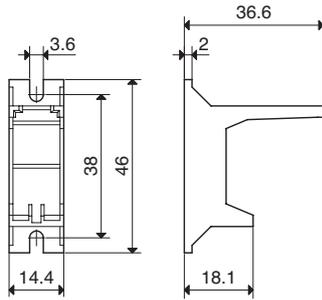
Accessories



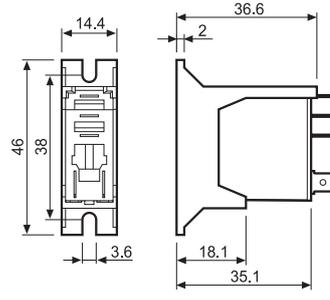
046.05

Flange mount adaptor for relays types 46.52 and 46.61

046.05



046.05



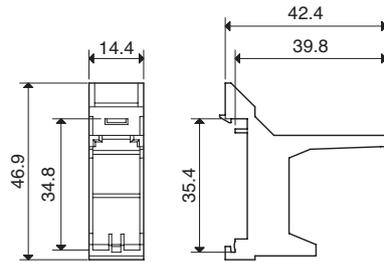
046.05 with relay



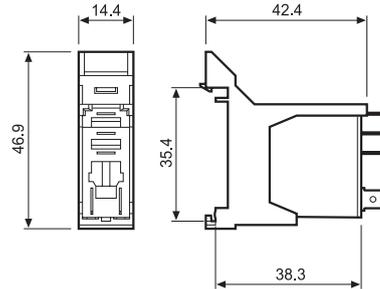
046.05 with relay

35 mm rail adaptor for relays types 46.52 and 46.61

046.07



046.07



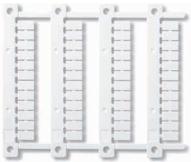
046.07 with relay



046.07



046.07 with relay



060.48

NEW

Sheet of marker tags (CEMBRE'S Thermal transfer printers) for relays types 46.52 and 46.61 (48 tags), 6 x 12 mm

060.48

A

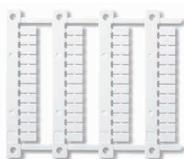


97.P2

Approvals
(according to type):

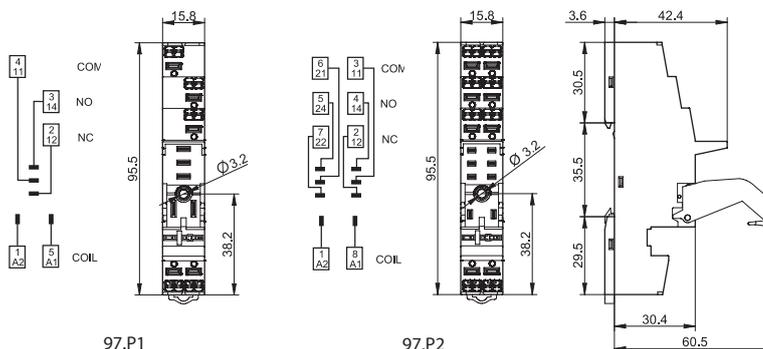


097.01



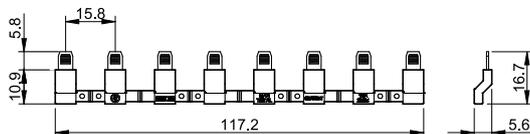
060.48

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
Modules (see table below)		99.02
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's thermal transfer printers		060.48
Technical data		
Rated values	10 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	
Wire strip length	mm 8	
Min. wire size for 97.P1 and 97.P2 socket	solid wire	stranded wire
	mm ² 0.5	0.5
	AWG 21	21
Max. wire size for 97.P1 and 97.P2 socket	solid wire	stranded wire
	mm ² 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



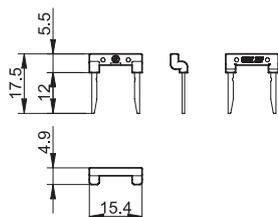
097.58

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



097.52

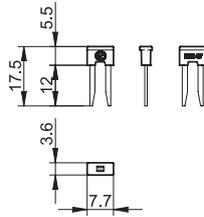
2-way jumper link for 97.P1 and 97.P2 sockets	097.52
Rated values	10 A - 250 V





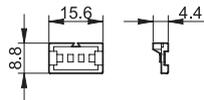
097.42

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
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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):



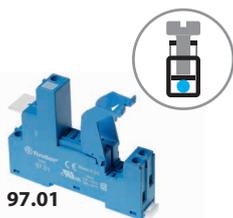
99.02

99.02 coil indication and EMC suppression modules for 97.P1 and 97.P2 sockets		
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	(110...240)V AC	99.02.8.230.07

Approvals
(according to type):

DC Modules with
non-standard polarity
(+A2) on request.

A



97.01

Approvals
(according to type):



097.01



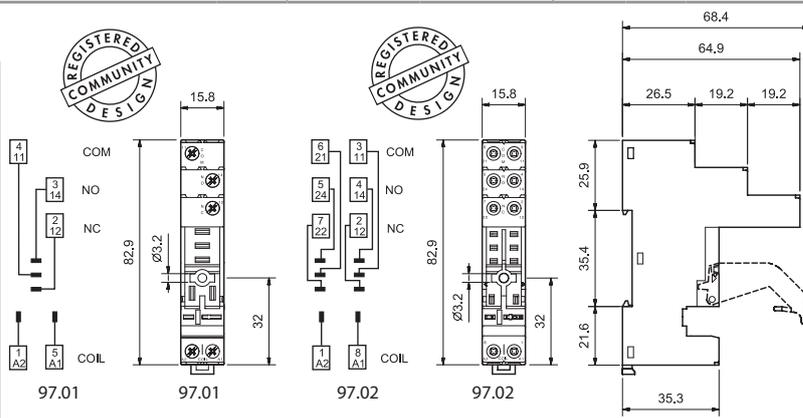
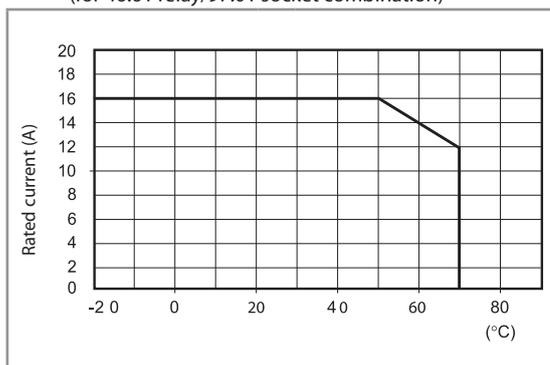
060.48

Screw terminal socket panel or 35 mm rail (EN 60715) mount	97.01 (blue)	97.01.0 (black)	97.02 (blue)	97.02.0 (black)
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	
Marker tag holder			097.00	
Identification tag			095.00.4	
8-way jumper link	095.18 (blue)		095.18.0 (black)	
Modules (see table below)			99.02	
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's 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)			
Screw torque	Nm	0.8		
Wire strip length	mm	8		
Max. wire size for 97.01 and 97.02 socket	mm ²	solid wire	stranded wire	
		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	

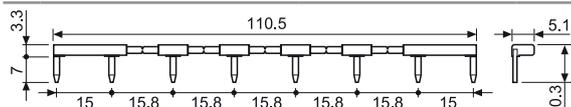
L 97 - Rated current vs ambient temperature
(for 46.61 relay/97.01 socket combination)



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



095.18



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



86.30

Approvals (according to type):



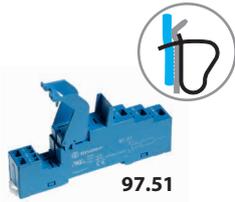
99.02

Approvals
(according to type):



DC Modules with non-standard polarity (+A2) on request.

99.02 coil indication and EMC suppression modules for 97.01 and 97.02 sockets				
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	(110...240)V AC	99.02.8.230.07		

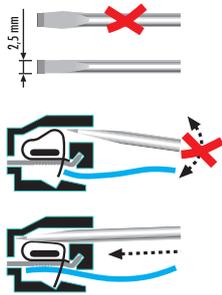


97.51

Approvals
(according to type):

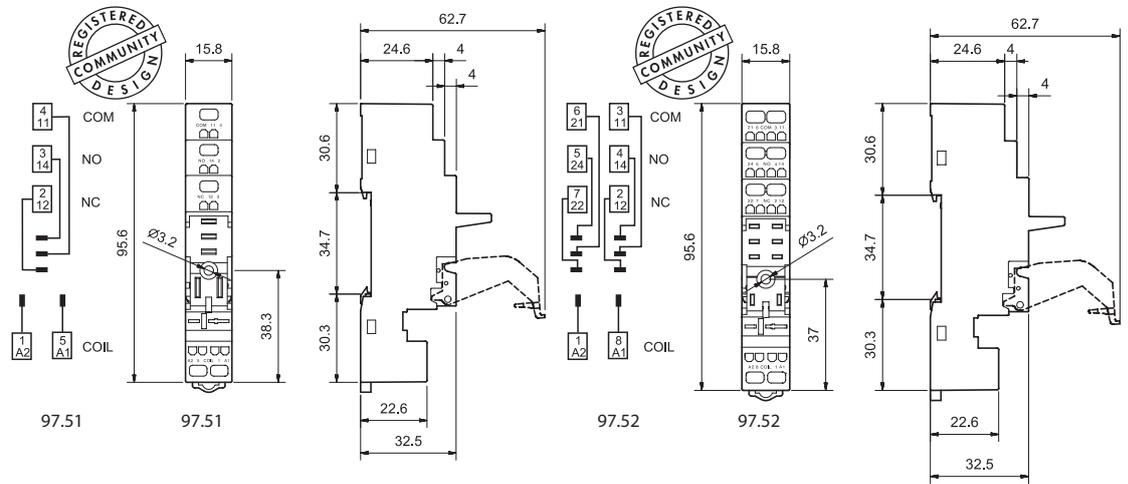


097.01



Screwless terminal socket panel or 35 mm rail (EN 60715) mount	97.51 (blue)	97.51.0 (black)	97.52 (blue)	97.52.0 (black)
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	
Modules (see table below)			99.02	
Timer modules (see table below)			86.30	
Technical data				
Rated values	10 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 -25...+70			
Wire strip length	mm 8			
Max. wire size for 97.51 and 97.52 sockets	solid wire		stranded wire	
	mm ² 2 x (0.2...1.5)		2 x (0.2...1.5)	
	AWG 2 x (24...18)		2 x (24...18)	

A



86.30



99.02

Approvals
(according to type):



DC Modules with non-standard polarity (+A2) on request.

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):

99.02 coil indication and EMC suppression modules for 97.51 and 97.52 sockets		
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	(110...240)V AC	99.02.8.230.07

A



97.11

Approvals
(according to type):



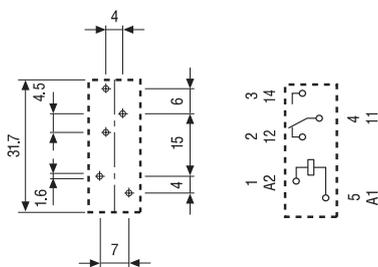
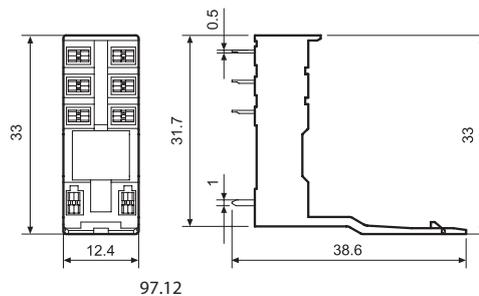
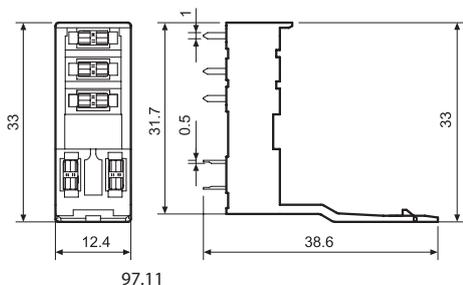
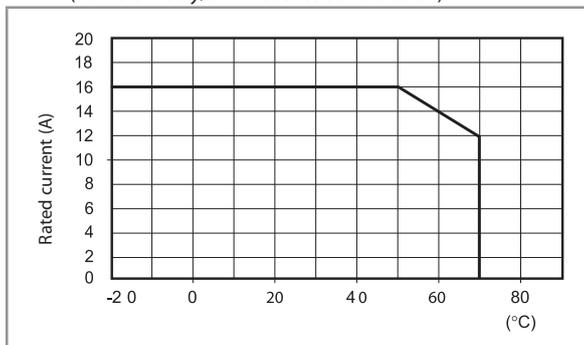
97.12

Approvals
(according to type):

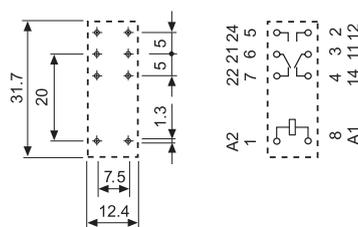


PCB socket	97.11 (blue)	97.12 (blue)
For relay type	46.61	46.52
Technical data		
Rated values	2 A - 250 V (see diagram L97)	8 A - 250 V
Dielectric strength	6 kV (1.2/50 μs) between coil and contacts	
Protection category	IP 20	
Ambient temperature	°C -40...+70	

L 97 - Rated current vs ambient temperature
(for 46.61 relay/97.11 socket combination)



Copper side view



Copper side view

Packaging codes

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

Example:



- A** Standard packaging
- SM** Metal retaining clip
- SL** Plastic retaining clip