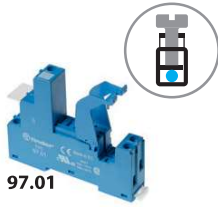


A

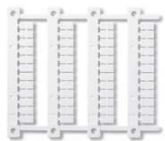


97.01

Approvals  
(according to type):



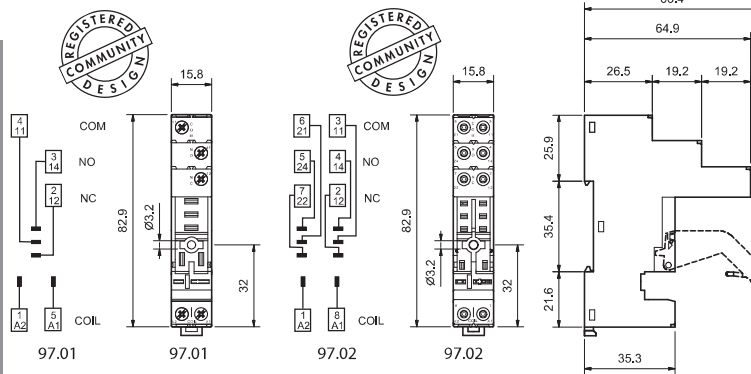
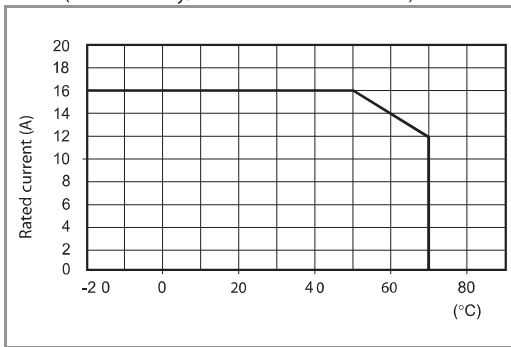
097.01



060.48

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

(for 46.61 relay/97.01 socket combination)

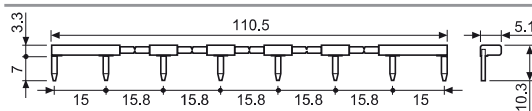


Screw terminal socket panel or 35 mm rail (EN 60715) mount	97.01 (blue)	97.01.0 (black)	97.02 (blue)	97.02.0 (black)
For relay type	46.61		46.52	
<b>Accessories</b>				
Plastic retaining and release clip (supplied with socket - packaging code SPA)			097.01	
Metal retaining clip			097.71	
Marker tag holder			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 thermal transfer printers			060.48	
<b>Technical data</b>				
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 <sup>2</sup>	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	

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	



86.30



99.02

Approvals  
(according to type):



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

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

Approvals (according to type):

**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



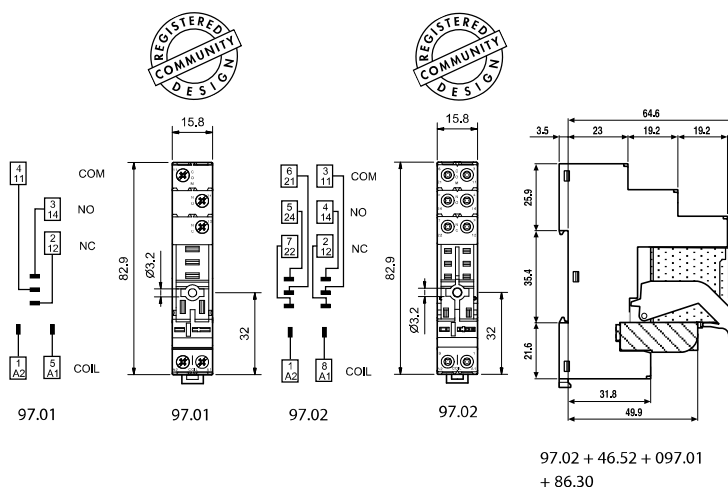
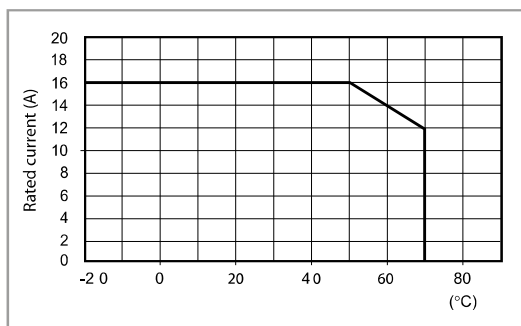
**97.01**  
Approvals  
(according to type):



**097.01**

<b>Screw terminal socket</b>		<b>97.01</b>	<b>97.02</b>	
panel or 35 mm rail (EN 60715) mount		<b>Blue</b>	<b>Blue</b>	
For relay type		46.61	46.52	
<b>Accessories</b>				
Plastic retain and eject clip (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		
<b>Technical data</b>				
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 <sup>2</sup>	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)



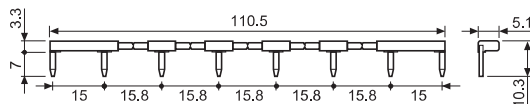
**H**



**095.18**



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



**TABLE 2.3** **Certified sockets ratings**

Socket type	UL ratings	CSA ratings	Open Type Devices	Pollution degree (Installation environment)	Max Surrounding Air Temperature	System Overvoltage Category (max peak Voltage impulse)	Conductors to be used	Wire size (AWG)	Terminal tightening torque
90.02/03	10A-300V(60°C) 8A-300V(70°C)	10A 300V (max 20A Total Load)			70°C				
90.14/15	10A 300V	10A 300V max20A TL							
90.20/21/26/27	10A 300V	10A 250V							
90.82.3	10A 300V	10A 300V			70 °C			14-20 stranded and solid	7.08 lb.in. (0.8 Nm)
90.83.3	10A 300V	10A 300V			65 °C			14-20 stranded and solid	7.08 lb.in. (0.8 Nm)
92.03	16A 300V	10A 250V (max 20A Total Load)			70°C		75°C Cu only	10-24, stranded or solid	7.08 lb.in. (0.8 Nm)
92.13/33	16A 300V	10A 300V max20A TL							
93.01/51	6A 300V	6A 250V			60°C		75°C Cu only	14-24, stranded or solid	
93.02/52	2x10A 300V (60°C) 2x8A 300V (70°C)	2x10A 300V (60°C) 2x8A 300V (70°C)	Yes	2	60 or 70°C	II (2.5 kV)	75°C Cu only (CSA)		
93.11	6A 300V	6A 300V			70°C				
93.21	6A 300V	/	Yes	2	70°C				
93.60/65/ 66/67/69	6A 300V (40°C) 4A 300V (70°C)	6A 300V (40°C) 4A 300V (70°C)			40 or 70°C		75°C Cu only	14-24, stranded or solid	
93.61/62/ 63/64/68	6A 300V (40°C) 4A 300V (70°C)	6A 300V (40°C) 4A 300V (70°C)			40 or 70°C		75°C Cu only	14-24, stranded or solid	4.43 lb.in. (0.5 Nm)
09368141	100mA 24V	100mA 24V			70°C				
94.02/03/04	10A 300V	10A 250V (max 20A Total Load)			70°C		75°C Cu only	10-24 stranded, 12-24 solid	4.43 lb.in. (0.5 Nm)
94.12/13/14	10A 300V (4 pole: 5A 300V )	10A 300V max20A TL							
94.22/23/24	10A 300V	10A 250V							
94.33/34	10A 300V (4 pole: 5A 300V)	10A 300V max20A TL							
94.54	10A 300V		Yes		70 °C		Copper only	14-18-24 stranded and solid	
94.62/64	10A 300V	10A 250V							
94.72/73/74	10A 300V	10A 250V (94.74: max 20A Total Load)							
94.82	10A 300V	10A 250V							
94.82.3/92.3	10A 300V		Yes		70 °C				
94.84.3/94.3	10A 300V		Yes		55 °C				
94.82.2	10A 300V		Yes		50 °C				
94.84.2	7 A 300 V		Yes		50 °C				
94.P2/P3	10A 300V	10A 300V	Yes		70°C			14-26 stranded and solid	
94.P4	7A 300V	7A 300V	Yes		70°C			14-26 stranded and solid	
95.03/05	10A 300V	10A 250V (max 20A Total Load)			70°C		75°C Cu only	10-24 stranded, 12-24 solid	4.43 lb.in. (0.5 Nm)
95.13.2	12A 300V	10A 300V (max 20A Total Load)	Yes		70 °C with a minimum distance of 5 mm				
95.15.2	10A 300V	10A 300V (max 20A Total Load)	Yes		70 °C with a minimum distance of 5 mm				
95.55/55.3	10A 300V (40°C) 8A 300V (70°C)	10A 300V (40 °C) 8A 300V (70 °C)	Yes		40 or 70°C			14-24 stranded and solid	
95.23	10A 300V	10A 250V							
95.63/65	10A 300V	10A 250V							
95.75	10A 300V	10A 250V (max 20A TL)							
95.83.3/85.3/ 93.3/95.3	12A 300V		Yes		85 °C			14-18, stranded or solid	7.08 lb. in. (0.8 Nm)
95.P3/P5	10A 300V	10A 300V	Yes		70°C			14-26 stranded and solid	
96.02/04	12A 300V (50°C) 10A 300V (70°C)	12A 300V (50°C) 10A 300V (70°C)	Yes		50 or 70°C	III (4.0 kV)	60/75°C Cu only 75°C Cu only (CSA)	10-14, stranded or solid	7.08 lb.in. (0.8 Nm)
96.12/14	12A 300V	15A 250V							
96.72	16A 300V	10A 250V (max 20A Total Load)							
96.74	15A 300V	10A 250V (max 20A Total Load)							
97.01	16A 300V (50°C) 12A 300V (70°C)	16A 300V (50°C) 12A 300V (70°C)	Yes		50 or 70°C		75°C Cu only (CSA)		
97.02	2x8A 300V	2x8A 300V	Yes		70°C		75°C Cu only (CSA)		
97.11	16A 300V (50°C) 12A 300V (70°C)	/	Yes		50 or 70 °C with a minimum distance of 5 mm				
97.12	2x8A 300V	/	Yes		70 °C with a minimum distance of 5 mm				
97.51 - 97.51.3	15A 300V (40°C) (2-wires/per pole) 10A 300V (70°C)	15A 300V (40 °C) 10A 300V (70 °C)	Yes		40 or 70°C			14-24 stranded and solid	
97.52 - 97.52.3	10A 300V (40°C) 8A 300V (70°C)	8A 300V	Yes		70°C			14-24 stranded and solid	
97.P1/P2	10A 300V	10A 300V	Yes		70°C			14-26 stranded and solid	