

Order code	Manufacturer code	Description
60-4489	97.02SPA	97.02SPA 35MM RAIL MTG SCREW SKT (RC)

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007



97.01

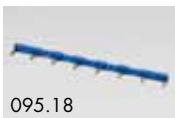
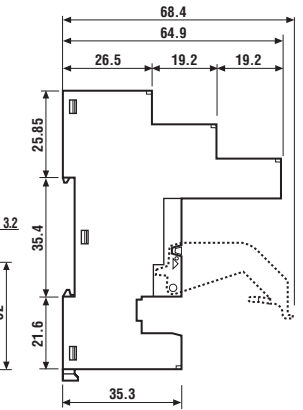
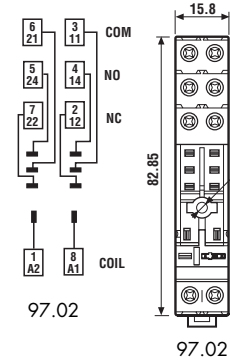
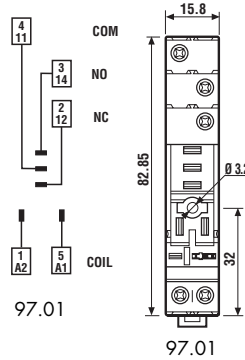
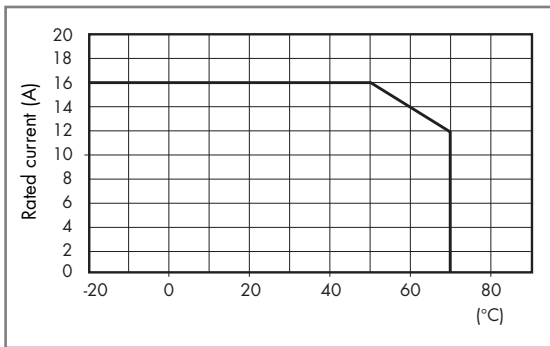
Approvals
(according to type):



097.01

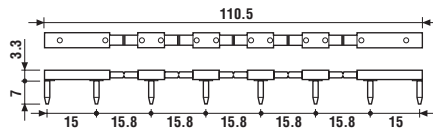
Screw terminal socket panel or 35 mm rail (EN 50022) mount	97.01 (blue)	97.01.0 (black)	97.02 (blue)	97.02.0 (black)
For relay type	46.61		46.52	
Accessories				
Plastic retain and release clip (supplied with socket - packaging code SPA)	097.01			
Identification tag	095.00.4			
8-way jumper link	095.18 (blue)		095.18.0 (black)	
Modules (see table below)	99.02			
Timer modules (see table below)	86.30			
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 1x6 / 2x2.5		1x4 / 2x2.5	
	AWG 1x10 / 2x14		1x12 / 2x14	

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



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

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

Approvals
(according to type):



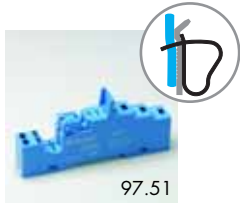
99.02

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

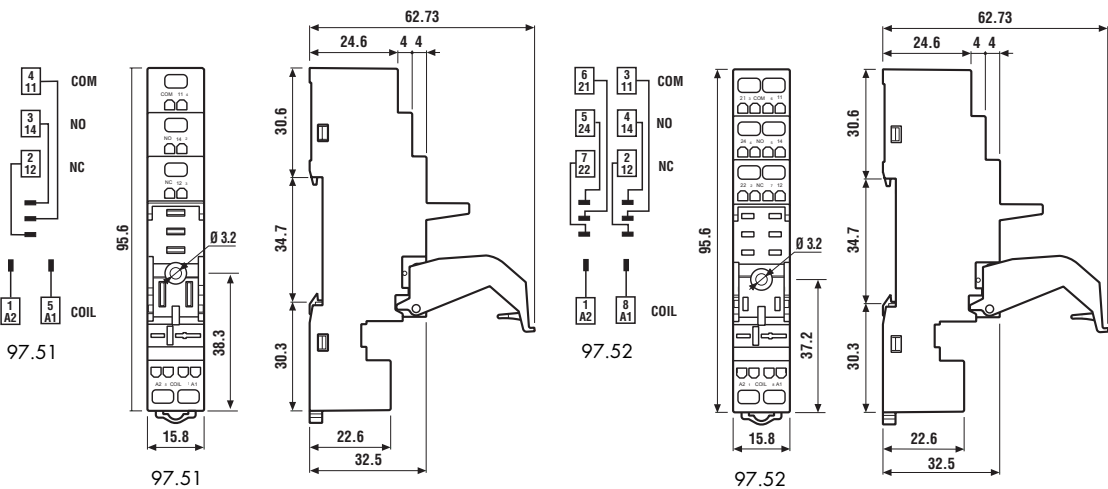
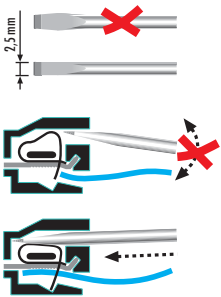
DC Modules with non-standard polarity (+A2) on request.



Approvals (according to type):



Screwless terminal socket panel or 35 mm rail (EN 50022) mount	97.51 (blue)	97.51.0 (black)	97.52 (blue)	97.52.0 (black)
For relay type	46.61		46.52	
Accessories				
Plastic retain and release clip (supplied with socket - packaging code SPA)			097.01	
Modules (see table below)			99.02	
Timer modules (see table below)			86.30	
Technical data				
Rated current	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 2x(0.2...1.5)		2x(0.2...1.5)	
	AWG 2x(24...18)		2x(24...18)	



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

Approvals (according to type):



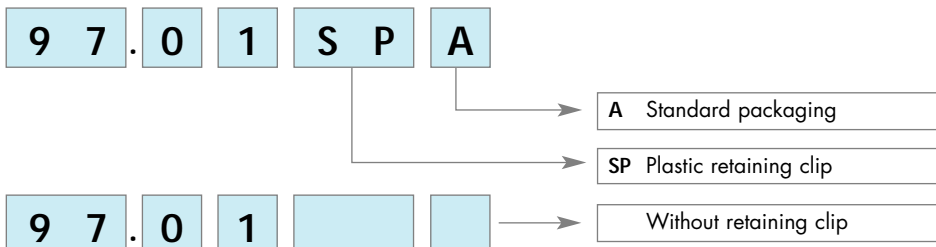
Approvals (according to type):



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		

Packaging codes

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





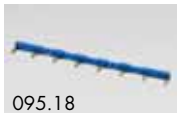
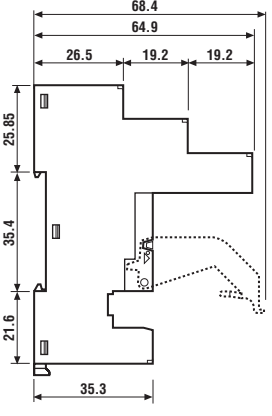
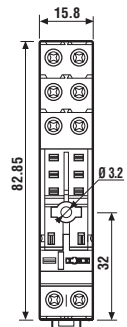
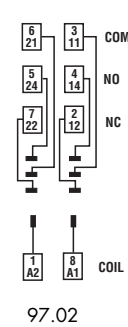
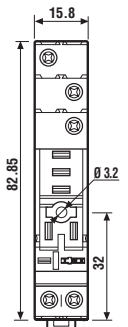
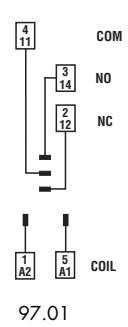
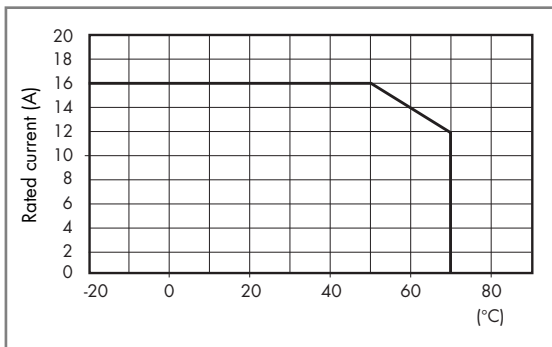
Approvals
(according to type):

CE

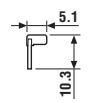
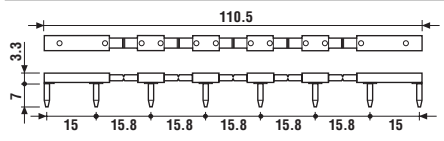


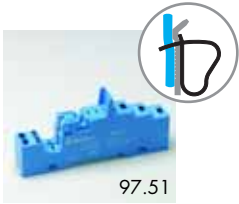
Screw terminal socket	97.01	97.02
panel or 35 mm rail (EN 50022) mount	Blue	Blue
For relay type	46.61	46.52
Accessories		
Plastic retain and eject clip (supplied with socket - packaging code SPA)	097.01	
8-way jumper link	095.18 (blue)	095.18.0 (black)
Identification tag	095.00.4	
Timer modules	86.30	
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 1x6 / 2x2.5	1x4 / 2x2.5
	AWG 1x10 / 2x14	1x12 / 2x14

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	





Approvals
(according to type):



Screwless terminal socket panel or 35 mm rail (EN 50022) mount	97.51	97.52
For relay type	Blue	Blue
Accessories	46.61	46.52
Plastic retain and eject clip (supplied with socket - packaging code SPA)	097.01	
Timer modules	86.30	
Technical data		
Rated current	12 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 2x(0.2...1.5)	2x(0.2...1.5)
	AWG 2x(24...18)	2x(24...18)

