

94 Series - Socket overview for 55 series relays

A



94.04
See page 7



Module	Socket	Relay	Description	Mounting	Accessories
99.02	94.02	55.32	Screw terminal (Box clamp) socket - Top terminals - Contacts - Bottom terminals - Coil	Panel or 35 mm rail (EN 60715) mount	- Coil indication and EMC suppression modules - Jumper link - Timer modules - Plastic retaining and release clip
	94.03	55.33			
	94.04	55.32 55.34			



94.54
See page 8



Module	Socket	Relay	Description	Mounting	Accessories
99.02	94.54	55.32 55.34	Screwless terminal socket - For fast cable connections - Top terminals - Contacts - Bottom terminals - Coil	Panel or 35 mm rail (EN 60715) mount	- Coil indication and EMC suppression modules - Jumper link - Timer modules - Plastic retaining and release clip



94.74
See page 9



Module	Socket	Relay	Description	Mounting	Accessories
99.01	94.72	55.32	Screw terminal (Plate clamp) socket	Panel or 35 mm rail (EN 60715) mount	- Coil indication and EMC suppression modules - Metal retaining clip
	94.73	55.33			
	94.74	55.32 55.34			



94.82
See page 9



Module	Socket	Relay	Description	Mounting	Accessories
99.01	94.82	55.32	Screw terminal (Plate clamp) socket - 23 mm wide for space saving	Panel or 35 mm rail (EN 60715) mount	- Coil indication and EMC suppression modules - Metal retaining clip



94.84.3
See page 10



Module	Socket	Relay	Description	Mounting	Accessories
99.80	94.84.2	55.32 55.34	Screw terminal (Box clamp) socket	Panel or 35 mm rail (EN 60715) mount	- Coil indication and EMC suppression modules - Jumper link - Plastic retaining and release clip
	94.82.3	55.32			
	94.84.3	55.32 55.34			



94.94.3
See page 11



Module	Socket	Relay	Description	Mounting	Accessories
99.80	94.92.3	55.32	Screw terminal (Box clamp) socket - Top terminals - Contacts - Bottom terminals - Coil	Panel or 35 mm rail (EN 60715) mount	- Coil indication and EMC suppression modules - Jumper link - Plastic retaining and release clip
	94.94.3	55.32 55.34			



94.14
See page 12

Module	Socket	Relay	Description	Mounting	Accessories
-	94.12	55.32	PCB sockets	PCB mounting	- Metal retaining clip
-	94.13	55.33			
-	94.14	55.32 55.34			



94.22
See page 12

Module	Socket	Relay	Description	Mounting	Accessories
-	94.22	55.32	Panel mount with solder connections	Panel mount on 1 mm thick panel	- Metal retaining clip
-	94.23	55.33			
-	94.24	55.32 55.34			



94.34
See page 13

Module	Socket	Relay	Description	Mounting	Accessories
-	94.32	55.32	Panel mount with solder connections	M3 screw fixing	- Metal retaining clip
-	94.33	55.33			
-	94.34	55.32 55.34			



94.04

Approvals (according to type):



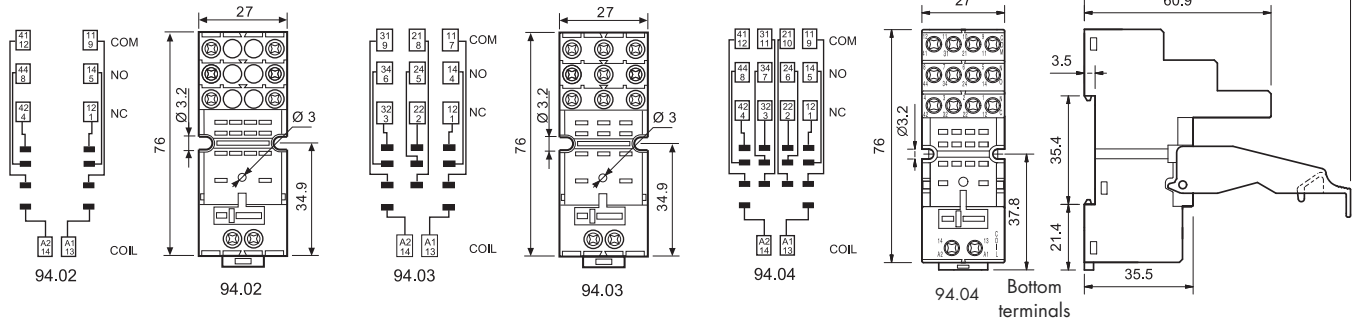
UL US Certain relay/socket combinations



094.91.3



060.72

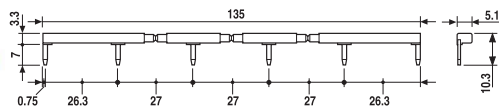


Screw terminal (Box clamp) socket panel or 35 mm (EN 60715) rail mount	94.02	94.02.0	94.03	94.03.0	94.04	94.04.0
	Blue	Black	Blue	Black	Blue	Black
For relay type	55.32		55.33		55.32, 55.34	
Accessories						
Metal retaining clip	094.71					
Plastic retaining and release clip (supplied with socket - packaging 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					
Modules (see table below)	99.02					
Timer modules (see table below)	86.30					
Sheet of marker tags for retaining and release clip 094.91.3 plastic, 72 tags, 6x12 mm	060.72					
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			
	mm ² 1x6 / 2x2.5		1x4 / 2x2.5			
	AWG 1x10 / 2x14		1x12 / 2x14			



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; (0.05s...100h)	86.30.0.024.0000	
(110...125)V AC; Bi-function: AI, DI; (0.05s...100h)	86.30.8.120.0000	
(230...240)V AC; Bi-function: AI, DI; (0.05s...100h)	86.30.8.240.0000	

Approvals (according to type): **CE EAC PG CUL US**



99.02

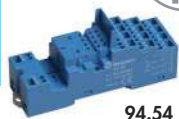
Approvals (according to type):



99.02 coil indication and EMC suppression modules for 94.02, 94.03 and 94.04 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.

A



94.54

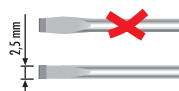
Approvals
(according to type):



094.91.3



060.72



094.56



86.30



99.02

Approvals
(according to type):



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

Screwless terminal socket 35 mm rail (EN 60715) mount

For relay type

94.54 (blue)

Accessories

Metal retaining clip

55.32, 55.34

Plastic retaining and release clip

094.71

6-way jumper link

094.91.3

Modules (see table below)

094.56

Sheet of marker tags, 72 tags, 6x12 mm

99.02, 86.30

Technical data

Rated values

060.72

Dielectric strength

10 A - 250 V

Protection category

2 kV AC

Ambient temperature

IP 20

Wire strip length

°C -25...+70

Max. wire size for 94.54 socket

mm 10

solid wire

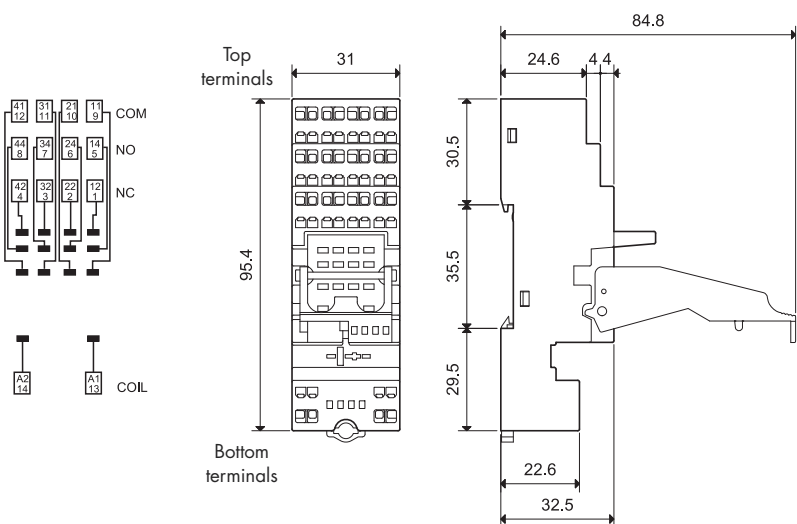
stranded wire

mm² 2x(0.2...1.5)

2x(0.2...1.5)

AWG 2x(24...14)

2x(24...14)



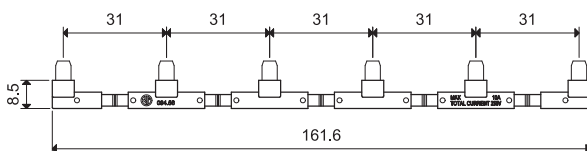
Sockets + jumper link

6-way jumper link

Rated values

094.56 (blue)

10 A - 250 V



86 series timer modules

(12...24)V AC/DC; Bi-function: AI, DI; (0.05s...100h)

86.30.0.024.0000

(110...125)V AC; Bi-function: AI, DI; (0.05s...100h)

86.30.8.120.0000

(230...240)V AC; Bi-function: AI, DI; (0.05s...100h)

86.30.8.240.0000

Approvals

(according to type):

99.02 coil indication and EMC suppression modules for 94.54 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

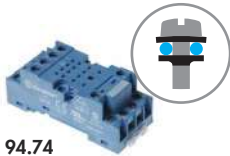
(110...240)V DC/AC

99.02.0.230.09

Residual current by-pass

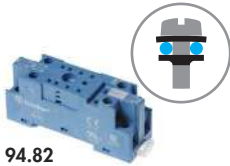
(110...240)V AC

99.02.8.230.07



94.74

Approvals (according to type):

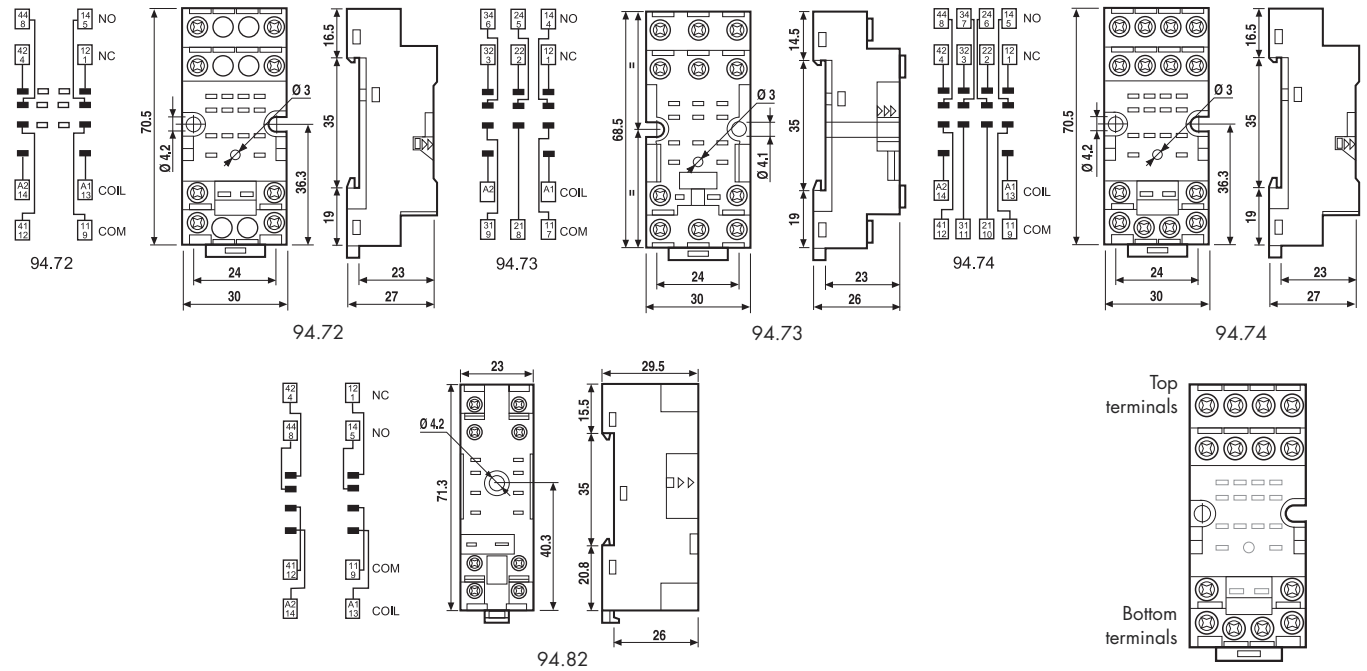


94.82

Approvals (according to type):



Screw terminal (Plate clamp) socket panel or 35 mm (EN 60715) rail mount	94.72	94.72.0	94.73	94.73.0	94.74	94.74.0
	Blue	Black	Blue	Black	Blue	Black
For relay type	55.32		55.33		55.32, 55.34	
Accessories						
Metal retaining clip (supplied with socket - packaging code SMA)			094.71			
Modules (see table below)			99.01			
Screw terminal (Plate clamp) socket: panel or 35 mm rail mount	94.82 (blue)		94.82.0 (black)			
For relay type	55.32		55.32			
Accessories						
Metal retaining clip (supplied with socket - packaging code SMA)			094.71			
Modules (see table below)			99.01			
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 (94.72/73/74)		9 (94.82)			
Max. wire size for 94.72/73/74 and 94.82 sockets	solid wire		stranded wire			
	mm ² 1x2.5 / 2x1.5		1x2.5 / 2x1.5			
	AWG 1x14 / 2x16		1x14 / 2x16			



99.01

Approvals (according to type):



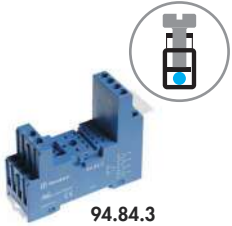
99.01 coil indication and EMC suppression modules for 94.72, 94.73, 94.74 and 94.82 sockets		Blue*
Diode (+A1, standard polarity)	(6...220)V DC	99.01.3.000.00
Diode (+A2, non standard polarity)	(6...220)V DC	99.01.2.000.00
LED	(6...24)V DC/AC	99.01.0.024.59
LED	(28...60)V DC/AC	99.01.0.060.59
LED	(110...240)V DC/AC	99.01.0.230.59
LED + Diode (+A1, standard polarity)	(6...24)V DC	99.01.9.024.99
LED + Diode (+A1, standard polarity)	(28...60)V DC	99.01.9.060.99
LED + Diode (+A1, standard polarity)	(110...220)V DC	99.01.9.220.99
LED + Diode (+A2, non standard polarity)	(6...24)V DC	99.01.9.024.79
LED + Diode (+A2, non standard polarity)	(28...60)V DC	99.01.9.060.79
LED + Diode (+A2, non standard polarity)	(110...220)V DC	99.01.9.220.79
LED + Varistor	(6...24)V DC/AC	99.01.0.024.98
LED + Varistor	(28...60)V DC/AC	99.01.0.060.98
LED + Varistor	(110...240)V DC/AC	99.01.0.230.98
RC circuit	(6...24)V DC/AC	99.01.0.024.09
RC circuit	(28...60)V DC/AC	99.01.0.060.09
RC circuit	(110...240)V DC/AC	99.01.0.230.09
Residual current by-pass	(110...240)V AC	99.01.8.230.07

* Modules in Black housing are available on request.

Green LED is standard. Red LED available on request.

94 Series - Sockets and accessories for 55 series relays

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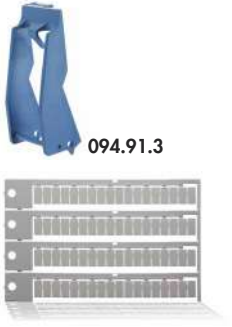
94.84.3

Approvals
(according to type):



94.84.2

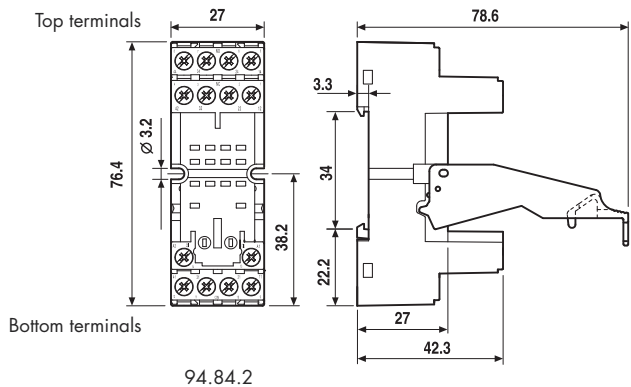
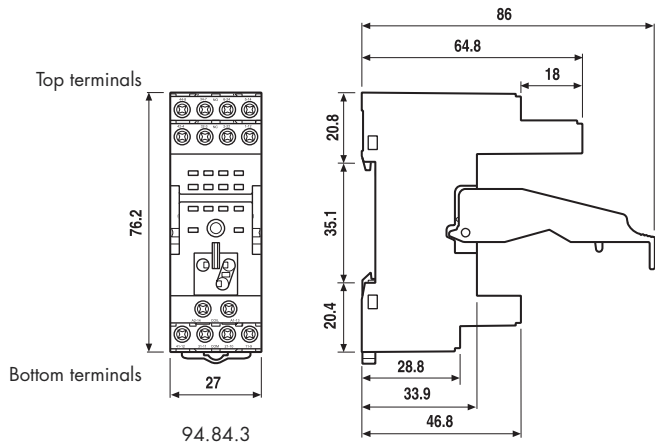
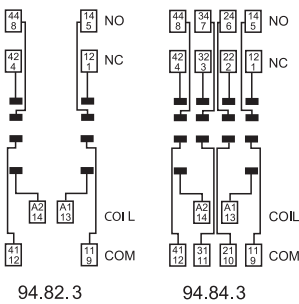
Approvals
(according to type):



094.91.3

060.72

Screw terminal (Box clamp) socket panel or 35 mm (EN 60715) rail mount For relay type	94.82.3 Blue	94.82.30 Black	94.84.3 Blue	94.84.30 Black
	55.32		55.32, 55.34	
Accessories				
Metal retaining clip (supplied with socket - packaging code SMA)	094.71			
Plastic retaining and release clip	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
Identification tag	094.80.3			
Modules (see table next page)	99.80			
Sheet of marker tags for retaining and release clip 094.91.3 plastic, 72 tags, 6x12 mm	060.72			
Screw terminal (Box clamp) socket panel or 35 mm (EN 60715) rail mount For relay type	94.84.2 Blue		94.84.20 Black	
	55.32, 55.34			
Accessories				
Metal retaining clip (supplied with socket - packaging code SMA)	094.71			
Plastic retaining and release clip	094.91.3		094.91.30	
6-way jumper link	094.06		094.06.0	
Identification tag	094.80.3			
Modules (see table next page)	99.80			
Sheet of marker tags for retaining and release clip 094.91.3 plastic, 72 tags, 6x12 mm	060.72			
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	7		
Max. wire size for 94.82.3, 94.84.3 and 94.84.2 sockets		solid wire	stranded wire	
	mm ²	1x6 / 2x2.5		1x4 / 2x2.5
	AWG	1x10 / 2x14		1x12 / 2x14





94.94.3

Approvals (according to type):

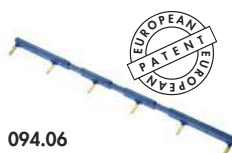
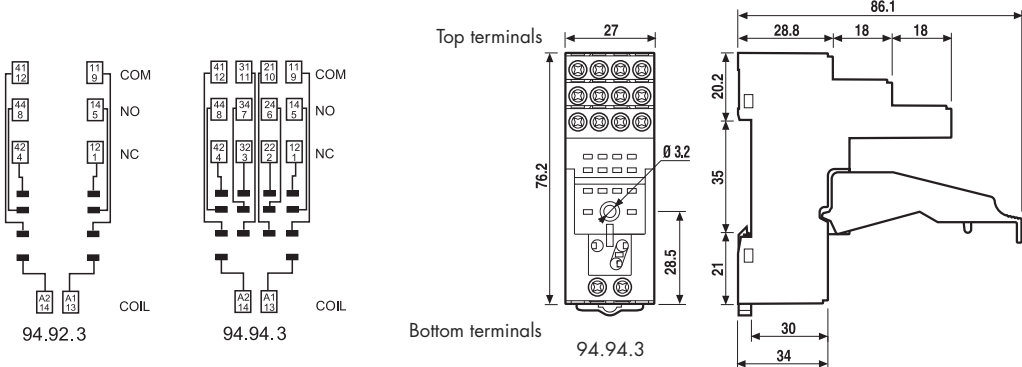


94.91.3



060.72

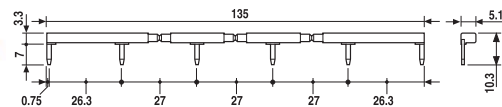
Screw terminal (Box clamp) socket panel or 35 mm rail mount	94.92.3 (blue)	94.92.30 (black)	94.94.3 (blue)	94.94.30 (black)
For relay type	55.32		55.32, 55.34	
Accessories				
Metal retaining clip	094.71			
Plastic retaining and release clip	094.91.3	094.91.30	094.91.3	094.91.30
6-way jumper link	094.06	094.06.0	094.06	094.06.0
Identification tag	094.80.3			
Modules (see table below page)	99.80			
Sheet of marker tags for retaining and release clip 094.91.3 plastic, 72 tags, 6x12 mm	060.72			
Technical data				
Rated values	10 A - 250 V			
Dielectric strength	2 kV AC			
Protection category	IP 20			
Ambient temperature	°C -25...+70			
⊕ Screw torque	Nm	0.5		
Wire strip length	mm	8		
Max. wire size for 94.92.3 and 94.94.3 sockets		solid wire		stranded wire
	mm ²	1x6 / 2x2.5		1x4 / 2x2.5
	AWG	1x10 / 2x14		1x12 / 2x14



94.06



6-way jumper link for 94.84.2, 94.82.3, 94.84.3, 94.92.3 and 94.94.3 sockets	094.06 (blue)	094.06.0 (black)
Rated values	10 A - 250 V	



99.80

Approvals (according to type):



* Modules in Black housing are available on request.

Green LED is standard. Red LED available on request.

99.80 coil indication and EMC suppression modules for 94.84.2, 94.82.3, 94.84.3, 94.92.3 and 94.94.3 sockets		
		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	(110...240)V AC	99.80.8.230.07

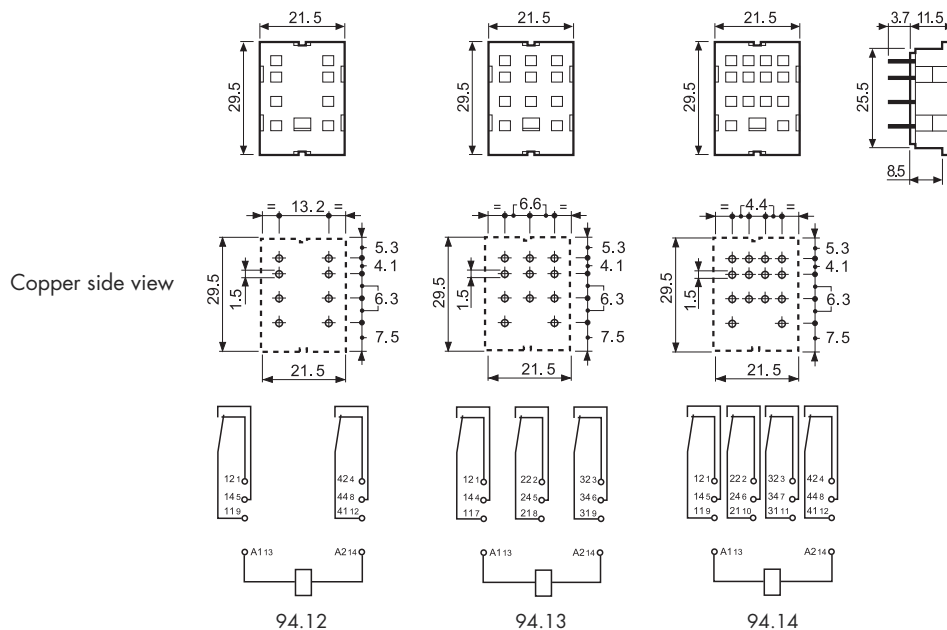
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94.14
Approvals
(according to type):



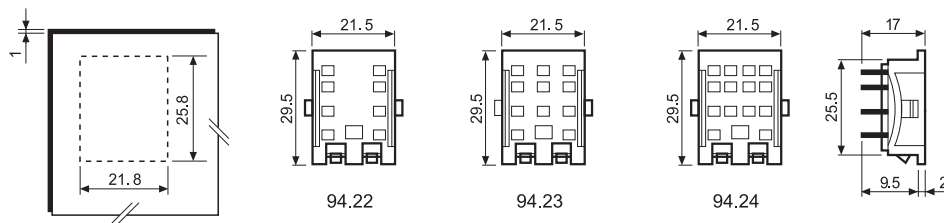
PCB socket	94.12 Blue	94.12.0 Black	94.13 Blue	94.13.0 Black	94.14 Blue	94.14.0 Black
For relay type	55.32		55.33		55.32, 55.34	
Accessories						
Metal retaining clip (supplied with socket - packaging code SMA)	094.51					
Technical data						
Rated values	10 A - 250 V					
Dielectric strength	2 kV AC					
Ambient temperature	°C -40...+70					



94.22
Approvals
(according to type):



Panel mount solder socket 1 mm thick panel	94.22 Blue	94.22.0 Black	94.23 Blue	94.23.0 Black	94.24 Blue	94.24.0 Black
For relay type	55.32		55.33		55.32, 55.34	
Accessories						
Metal retaining clip (supplied with socket - packaging code SMA)	094.51					
Technical data						
Rated values	10 A - 250 V					
Dielectric strength	2 kV AC					
Ambient temperature	°C -40...+70					





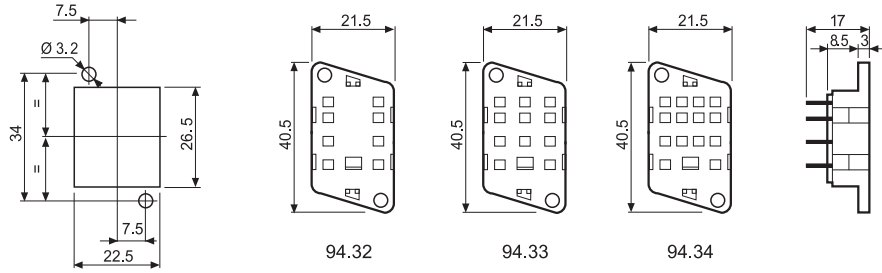
94.34

Approvals
(according to type):



Panel mount socket M3 screw fixing - solder connections	94.32 Blue	94.32.0 Black	94.33 Blue	94.33.0 Black	94.34 Blue	94.34.0 Black
For relay type	55.32		55.33		55.32, 55.34	
Accessories						
Metal retaining clip (supplied with socket - packaging code SMA)	094.51					
Technical data						
Rated values	10 A - 250 V					
Dielectric strength	2 kV AC					
Ambient temperature	°C -40...+70					

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Packaging codes

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

Example:

