95 Series - Socket overview for 40 series relays

95.05

See page 9

Module	Socket	Relay	Description	Mounting	Accessories
99.02	95.03	40.31	**Screw terminal (Box clamp) socket**	Panel or 35 mm rail (EN 50022) mount	- Coil indication and EMC suppression modules - Jumper link - Timer modules - Plastic retaining and release clip
	95.05	40.51 40.52 40.61	- Top terminals - Contacts - Bottom terminals - Coil		

95.85.3

See page 10

Module	Socket	Relay	Description	Mounting	Accessories
99.80	95.83.3	40.31	**Screw terminal (Box clamp) socket**	Panel or 35 mm rail (EN 50022) mount	- Coil indication and EMC suppression modules - Jumper link - Plastic retaining and release clip
	95.85.3	40.51 40.52 40.61	95.83.3 wiring: - Top terminals - Contacts - Bottom terminals - Coil		

95.95.3

See page 11

Module	Socket	Relay	Description	Mounting	Accessories
99.80	95.93.3	40.31	**Screw terminal (Box clamp) socket**	Panel or 35 mm rail (EN 50022) mount	- Coil indication and EMC suppression modules - Jumper link - Plastic retaining and release clip
	95.95.3	40.51 40.52 40.61	- Top terminals - Contacts - Bottom terminals - Coil		

95.55

See page 12

Module	Socket	Relay	Description	Mounting	Accessories
99.02	95.55	40.51 40.52 40.61	**Screwless terminal socket** - For fast cable connections - Top terminals - Contacts - Bottom terminals - Coil	Panel or 35 mm rail (EN 50022) mount	- Coil indication and EMC suppression modules - Timer modules - Plastic retaining and release clip

95.55.3

See page 13

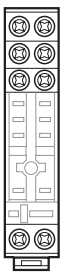
Module	Socket	Relay	Description	Mounting	Accessories
99.80	95.55.3	40.51 40.52 40.61	**Screwless terminal socket** For fast cable connections - Top terminals - Contacts - Bottom terminals - Coil	Panel or 35 mm rail (EN 50022) mount	- Coil indication and EMC suppression modules - Plastic retaining and release clip

95.13.2

See page 14

Module	Socket	Relay	Description	Mounting	Accessories
—	95.13.2	40.31 40.41	**PCB socket**	PCB mounting	- Metal retaining clip - Plastic retaining clip
—	95.15.2	40.51 40.52 40.61			

Top terminals



Bottom terminals

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95.05

Approvals (according to type):

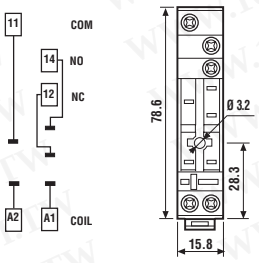
Certain relay/socket combinations

095.01

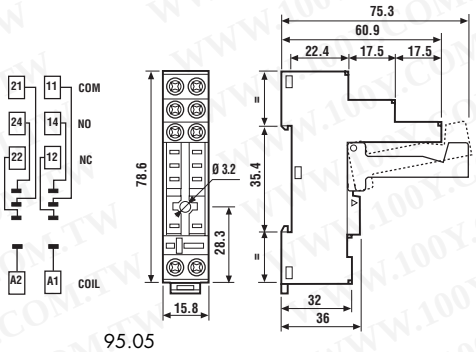
060.72

Screw terminal (Box clamp) socket panel or 35 mm rail mount		**95.03 (blue)**	**95.03.0 (black)**	**95.05 (blue)**	**95.05.0 (black)**
For relay type		40.31		40.51, 40.52, 40.61	
Accessories					
Metal retaining clip		095.71			
Plastic retaining and release clip (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
Identification tag		095.00.4			
Modules (see table below)		99.02			
Timer modules (see table below)		86.30			
Sheet of marker tags for retaining and release clip 095.01 plastic, 72 tags, 6x12 mm		060.72			
Technical data					
Rated values		10 A - 250 V *			
Insulation		6 kV (1.2/50 µs) between coil and contacts			
Protection category		IP 20			
Ambient temperature	°C	–40...+70			
Screw torque	Nm	0.5			
Wire strip length	mm	8			
Max. wire size for 95.03 and 95.05 sockets		solid wire		stranded wire	
	mm^2	1x6 / 2x2.5		1x4 / 2x2.5	
	AWG	1x10 / 2x14		1x12 / 2x14	

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



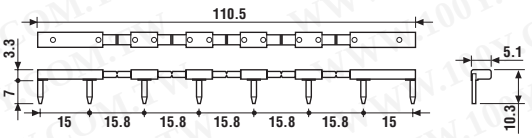
95.03



95.05

095.18

8-way jumper link for 95.03 and 95.05 sockets	095.18
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

Approvals (according to type):

99.02

Approvals (according to type):

99.02 coil indication and EMC suppression modules for 95.03 and 95.05 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.

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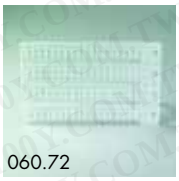
95.85.3

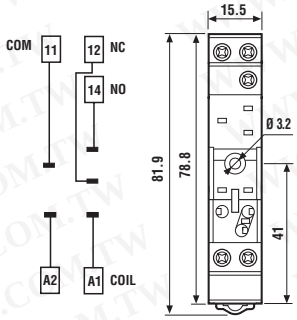
Approvals (according to type):

095.91.3

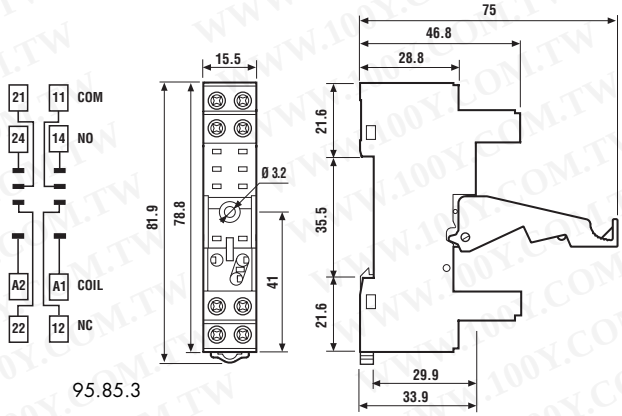

060.72

Screw terminal (Box clamp) socket panel or 35 mm rail mount		**95.83.3 (blue)**	**95.83.30 (black)**	**95.85.3 (blue)**	**95.85.30 (black)**
For relay type		40.31		40.51, 40.52, 40.61	
Accessories					
Metal retaining clip		095.71			
Plastic retaining and release clip (supplied with socket - packaging code SPA)		095.91.3	095.91.30	095.91.3	095.91.30
8-way jumper link		095.08	095.08.0	095.08	095.08.0
Identification tag		095.80.3			
Modules (see table below)		99.80			
Sheet of marker tags for retaining and release clip 095.91.3 plastic, 72 tags, 6x12 mm		060.72			
Technical data					
Rated values		10 A - 250 V *			
Insulation		≥ 6 kV (1.2/50 µs) between coil and contacts (95.83.3 only)			
Protection category		IP 20			
Ambient temperature	°C	–40...+70			
Screw torque	Nm	0.5			
Wire strip length	mm	7			
Max. wire size for 95.83.3 and 95.85.3 sockets		solid wire		stranded wire	
	mm^2	1x6 / 2x2.5		1x4 / 2x2.5	
	AWG	1x10 / 2x14		1x12 / 2x14	

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



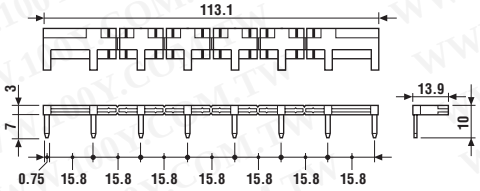
95.83.3



95.85.3

095.08

8-way jumper link for 95.83.3 and 95.85.3 sockets	095.08
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 95.83.3 and 95.85.3 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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95.95.3

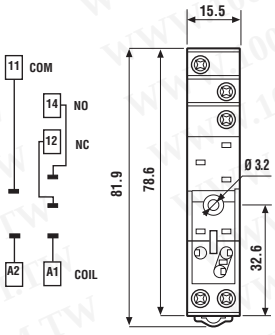
Approvals (according to type):

095.91.3

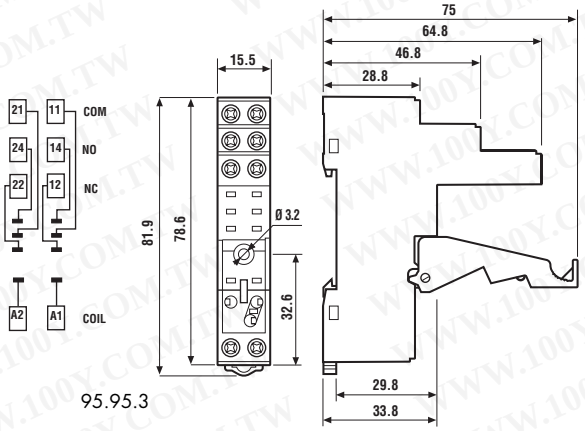
060.72

Screw (Box clamp) terminal socket panel or 35 mm rail mount		**95.93.3 (blue)**	**95.93.30 (black)**	**95.95.3 (blue)**	**95.95.30 (black)**
For relay type		40.31		40.51, 40.52, 40.61	
Accessories					
Metal retaining clip		095.71			
Plastic retaining and release clip		095.91.3	095.91.30	095.91.3	095.91.30
8-way jumper link		095.08	095.08.0	095.08	095.08.0
Identification tag		095.80.3			
Modules (see table below)		99.80			
Sheet of marker tags for retaining and release clip 095.91.3 plastic, 72 tags, 6x12 mm		060.72			
Technical data					
Rated values		10 A - 250 V *			
Insulation		≥ 6 kV (1.2/50 µs) between coil and contacts			
Protection category		IP 20			
Ambient temperature	°C	–40...+70			
Screw torque	Nm	0.5			
Wire strip length	mm	8			
Max. wire size for 95.93.3 and 95.95.3 sockets		solid wire		stranded wire	
	mm^2	1x6 / 2x2.5		1x4 / 2x2.5	
	AWG	1x10 / 2x14		1x12 / 2x14	

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



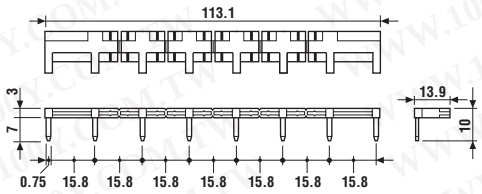
95.93.3



95.95.3

095.08

8-way jumper link for 95.93.3 and 95.95.3 sockets	095.08
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 95.93.3 and 95.95.3 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

95 Series - Sockets and accessories for 40 series relays

95.55

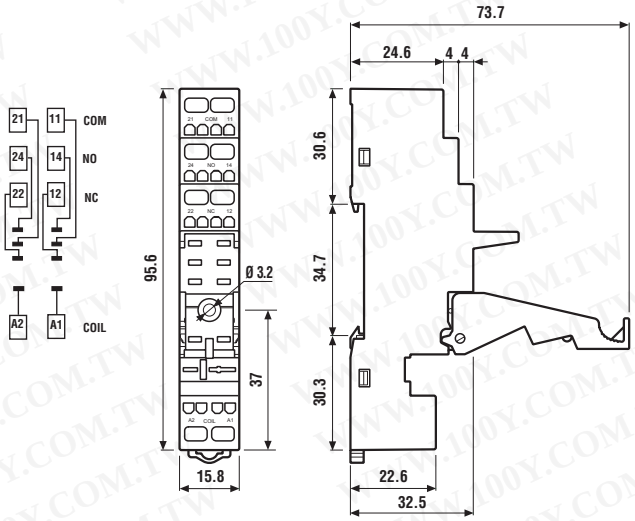
Approvals (according to type):

095.91.3

060.72

Screwless terminal socket panel or 35 mm rail mount		**95.55 (blue)**	**95.55.0 (black)**
For relay type		40.51, 40.52, 40.61	
Accessories			
Metal retaining clip		095.71	
Plastic retaining and release clip (supplied with socket - packaging code SPA)		095.91.3	
Modules (see table below)		99.02	
Timer modules (see table below)		86.30	
Sheet of marker tags for retaining and release clip 095.91.3 plastic, 72 tags, 6x12 mm		060.72	
Technical data			
Rated values		10 A - 250 V *	
Insulation		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 95.55 socket		solid wire	stranded wire
	mm²	2x(0.2...1.5)	2x(0.2...1.5)
	AWG	2x(24...18)	2x(24...18)

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



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86.30

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

Approvals (according to type):

99.02

Approvals (according to type):

99.02 coil indication and EMC suppression modules for 95.55 socket		
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

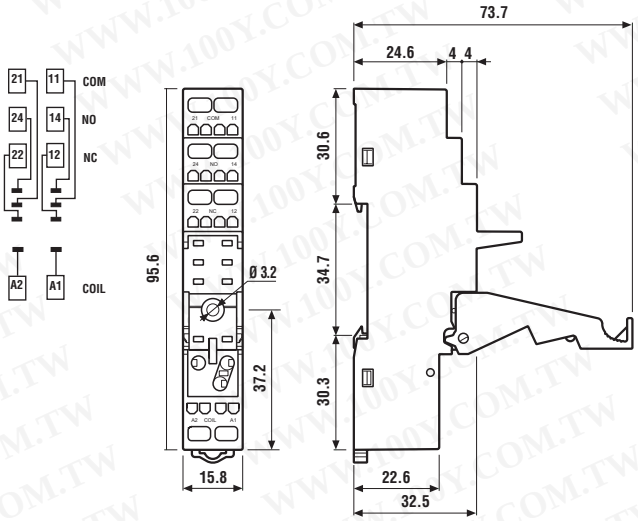
DC Modules with non-standard polarity (+A2) on request.

95 Series - Sockets and accessories for 40 series relays

Approvals (according to type):

Screwless terminal socket panel or 35 mm rail mount		**95.55.3 (blue)**	**95.55.30 (black)**
For relay type		40.51, 40.52, 40.61	
Accessories			
Metal retaining clip		095.71	
Plastic retaining and release clip (supplied with socket - packaging code SPA)		095.91.3	
Modules (see table below)		99.80	
Sheet of marker tags for retaining and release clip 095.91.3 plastic, 72 tags, 6x12 mm		060.72	
Technical data			
Rated values		10 A - 250 V *	
Insulation		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 95.55.3 socket		solid wire	stranded wire
	mm²	2x(0.2...1.5)	2x(0.2...1.5)
	AWG	2x(24...18)	2x(24...18)

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



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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 95.55.3 socket

		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

95 Series - Sockets and accessories for 40 series relays

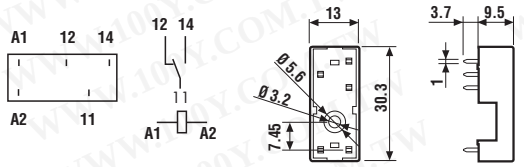
95.13.2

95.15.2

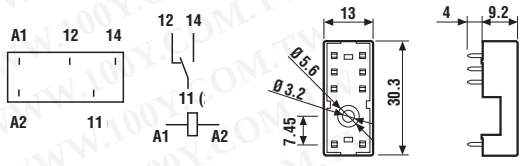
Approvals (according to type):

PCB socket	95.13.2 (blue)	95.13.20 (black)	95.15.2 (blue)	95.15.20 (black)
For relay type	40.31, 40.41		40.51, 40.52, 40.61	
Accessories				
Metal retaining clip (supplied with socket - packaging code SMA)	095.51			
Plastic retaining clip	095.52			
Technical data				
Rated values	10 A - 250 V *			
Insulation	≥ 6 kV (1.2/50 µs) between coil and contacts			
Protection category	IP 20			
Ambient temperature °C	–40...+70			

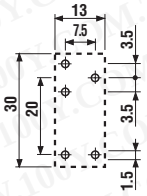
* For currents >10 A, contact terminals must be connected in parallel (21 with 11, 24 with 14, 22 with 12).



40.31

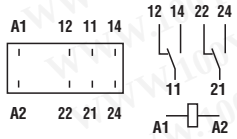


40.51

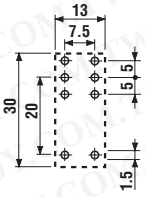


95.13.2

Copper side view

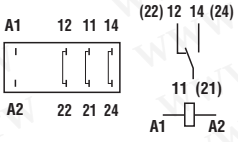


40.52



95.15.2

Copper side view



40.61

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Http://www.100y.com.tw

Packaging codes

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

Example:

9	5	.	0	5	S	P	A

A Standard packaging

SM Metal retaining clip
SP Plastic retaining clip

9	5	.	0	5		

Without retaining clip