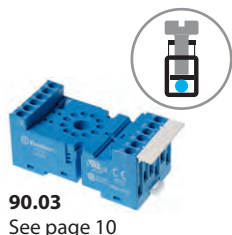
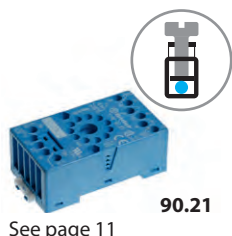


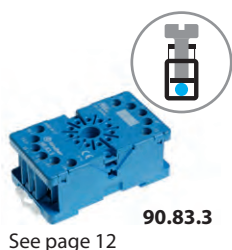
Accessories



Module	Socket	Relay	Description	Mounting	Accessories
99.02	90.02	60.12	Screw terminal (Box clamp) socket	Panel or 35 mm rail (EN 60715) mount	- Coil indication and EMC suppression modules - Jumper link - Timer modules - Metal retaining clip
	90.03	60.13	Double A1 terminal		



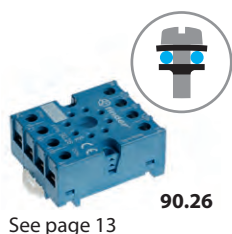
Module	Socket	Relay	Description	Mounting	Accessories
99.01	90.20	60.12	Screw terminal (Box clamp) socket	Panel or 35 mm rail (EN 60715) mount	- Coil indication and EMC suppression modules - Metal retaining clip
	90.21	60.13			



Module	Socket	Relay	Description	Mounting	Accessories
—	90.82.3	60.12	Screw terminal (Box clamp) socket	Panel or 35 mm rail (EN 60715) mount	- Metal retaining clip
—	90.83.3	60.13			



Module	Socket	Relay	Description	Mounting	Accessories
—	90.22	60.12	Screw terminal (Box clamp) socket	Panel or 35 mm rail (EN 60715) mount	- Metal retaining clip
—	90.23	60.13			



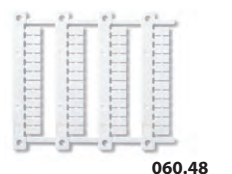
Module	Socket	Relay	Description	Mounting	Accessories
—	90.26	60.12	Screw terminal (Plate clamp) socket	Panel or 35 mm rail (EN 60715) mount	- Metal retaining clip
—	90.27	60.13			



Module	Socket	Relay	Description	Mounting	Accessories
—	90.12	60.12	Flange mount solder socket	M3 screw fixing	—
—	90.13	60.13			



Module	Socket	Relay	Description	Mounting	Accessories
—	90.14	60.12	PCB socket	PCB	—
—	90.14.1	60.12			
—	90.15	60.13			
—	90.15.1	60.13			



Sheet of marker tags (CEMBRE Thermal transfer printers) for relay types 60.12 and 60.13, plastic, 48 tags, 6 x 12 mm

060.48

A

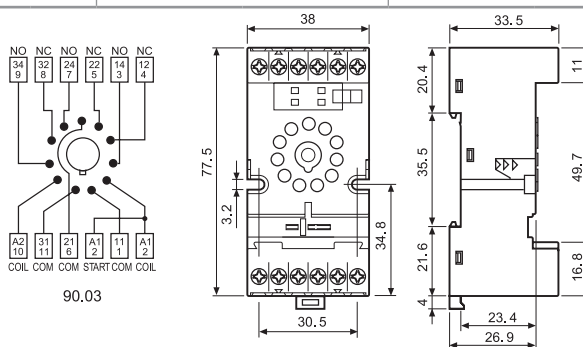
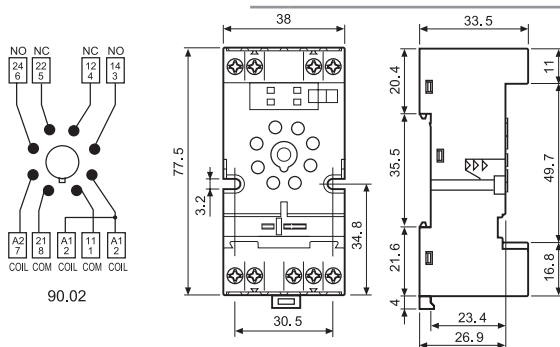


90.03

Approvals
(according to type):

Certain relay/socket combinations

Screw terminal (Box clamp) socket panel or 35 mm rail (EN 60715) mount For relay type		90.02 Blue	90.02.0 Black	90.03 Blue	90.03.0 Black
60.12				60.13	
Accessories					
Metal retaining clip		090.33			
6-way jumper link		090.06			
Identification tag		090.00.2			
Modules (see table below)		99.02			
Timer modules (see table below)		86.00, 86.30			
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	0.6		
Wire strip length		mm	10		
Max. wire size for 90.02 and 90.03 sockets		solid wire		stranded wire	
		mm ²		1 x 4 / 2 x 2.5	
		AWG		1 x 12 / 2 x 14	



090.06



86.00



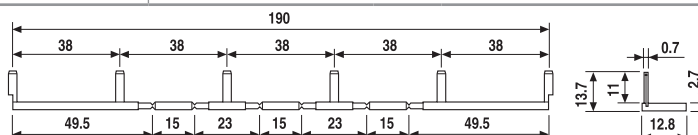
86.30



99.02

Approvals
(according to type):DC Modules with non-
standard polarity (+A2) on
request.

6-way jumper link for 90.02 and 90.03 sockets	090.06 (blue)	090.06.0 (black)
Rated values	10 A - 250 V	

Approvals
(according to type): 

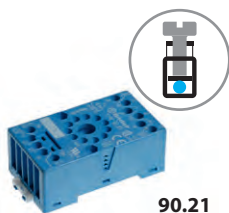
86 series timer modules

Multi-voltage: (12...240)V AC/DC;	
Multi-functions: AI, DI, SW, BE, CE, DE, EE, FE; (0.05 s...100 h)	86.00.0.240.0000
(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 90.02 and 90.03 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

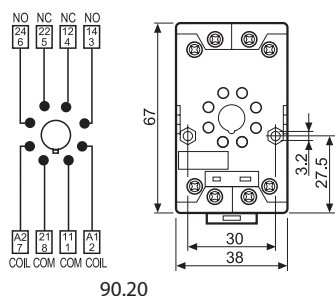


90.21

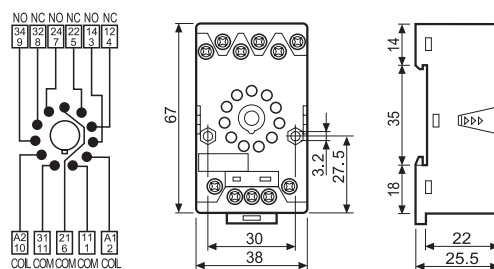
Approvals
(according to type):



Screw terminal (Box clamp) socket panel or 35 mm rail (EN 60715) mount	90.20 Blue	90.20.0 Black	90.21 Blue	90.21.0 Black
For relay type	60.12		60.13	
Accessories				
Metal retaining clip (supplied with socket - packaging code SMA)	090.33			
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	10		
Max. wire size for 90.20 and 90.21 sockets		solid wire	stranded wire	
	mm²	1 x 6 / 2 x 2.5	1 x 6 / 2 x 2.5	
	AWG	1 x 10 / 2 x 14	1 x 10 / 2 x 14	



90.20



90.21



99.01

Approvals
(according to type):



* Modules in Black housing are available on request.

Green LED is standard.
Red LED available on request.

99.01 coil indication and EMC suppression modules for 90.20 and 90.21 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	

A

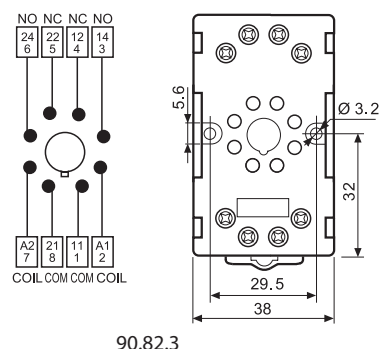


90.83.3

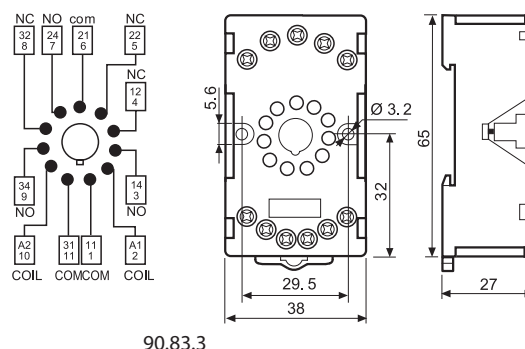
Approvals
(according to type):



Screw terminal (Box clamp) socket panel or 35 mm rail (EN 60715) mount		90.82.3 Blue	90.82.30 Black	90.83.3 Blue	90.83.30 Black	
For relay type		60.12		60.13		
Accessories						
Metal retaining clip		090.33				
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	0.8			
Max. wire size for 90.82.3 and 90.83.3 sockets		solid wire		stranded wire		
		mm²	1 x 6 / 2 x 4		1 x 6 / 2 x 4	
		AWG	1 x 10 / 2 x 14		1 x 10 / 2 x 14	



90.82.3



90.83.3

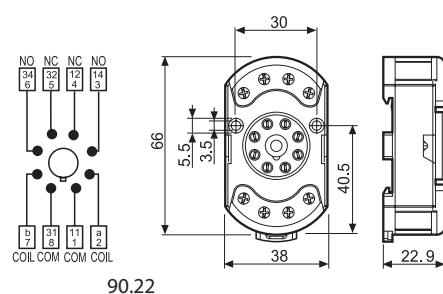


90.23

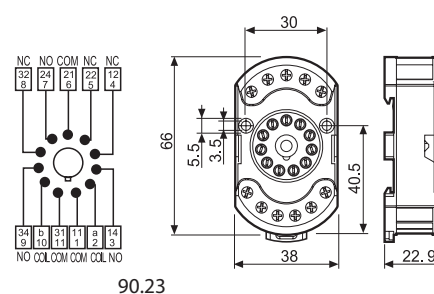
Approvals
(according to type):



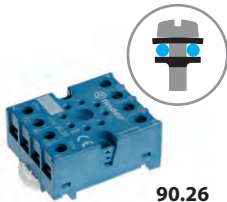
Screw terminal (Box clamp) socket panel or 35 mm rail (EN 60715) mount		90.22 Blue	90.23 Blue
For relay type		60.12	60.13
Accessories			
Metal retaining clip (supplied with socket - packaging code SMA)		090.33	
Technical data			
Rated values		10 A - 250 V	
Dielectric strength		2 kV AC	
Protection category		IP 20	
Ambient temperature		°C -40...+70	
	Screw torque	Nm	0.5
Wire strip length		mm	7
Max. wire size for 90.22 and 90.23 sockets		solid wire	stranded wire
		mm²	1 x 6 / 2 x 2.5
		AWG	1 x 10 / 2 x 14



90.22



90.23

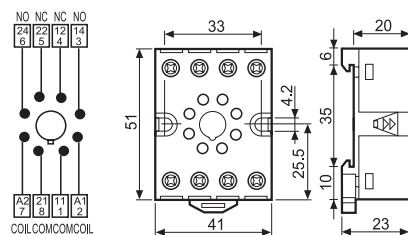


90.26

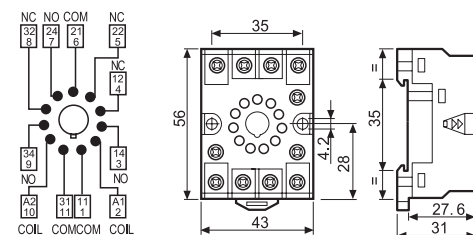
Approvals
(according to type):



Screw terminal (Box clamp) socket panel or 35 mm rail (EN 60715) mount	90.26 Blue	90.26.0 Black	90.27 Blue	90.27.0 Black
For relay type	60.12		60.13	
Accessories				
Metal retaining clip (supplied with socket - packaging code SMA)	090.33			
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	0.8		
Wire strip length	mm	10		
Max. wire size for 90.26 and 90.27 sockets		solid wire		stranded wire
	mm²	1 x 4 / 2 x 2.5		1 x 4 / 2 x 2.5
	AWG	1 x 12 / 2 x 14		1 x 12 / 2 x 14



90.26



90.27

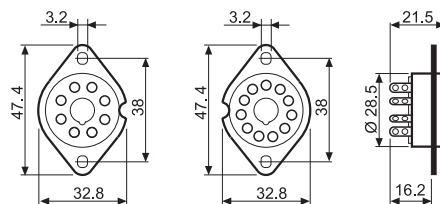


90.12

Approvals
(according to type):



Flange mount solder socket mount with M3 screw	90.12 (black)	90.13 (black)
For relay type	60.12	60.13
Technical data		
Rated values	10 A - 250 V	
Dielectric strength	2 kV AC	
Ambient temperature	°C -40...+70	



90.12

90.13

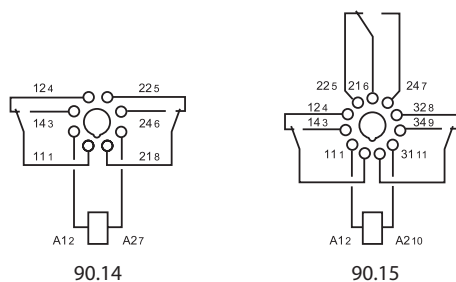
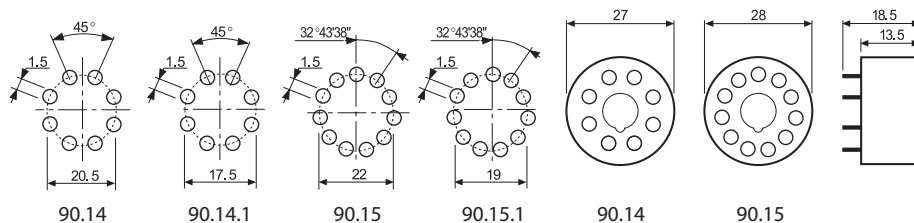
A



90.15

Approvals
(according to type):

PCB socket	Blue	90.14 (Ø 20.5 mm)	90.15 (Ø 22 mm)
	Blue	90.14.1 (Ø 17.5 mm)	90.15.1 (Ø 19 mm)
For relay type		60.12	60.13
Technical data			
Rated values		10 A - 250 V	
Dielectric strength		2 kV AC	
Ambient temperature	°C	-40...+70	



Packaging codes

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

Example:

