

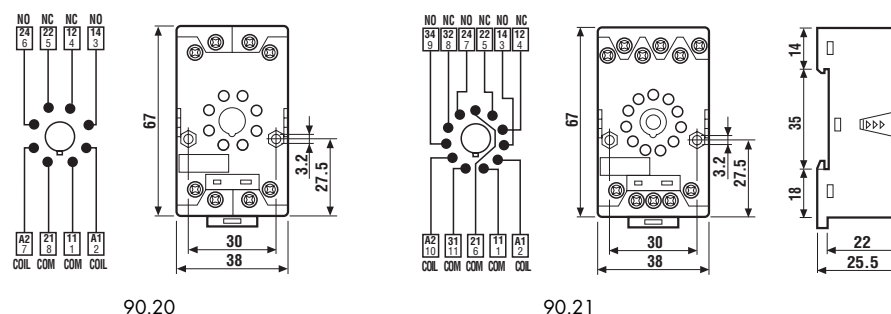


90.21

Approvals
(according to type):



Screw terminal (Box clamp) socket	90.20	90.20.0	90.21	90.21.0
panel or 35 mm rail (EN 50022) mount	Blue	Black	Blue	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		
	mm ² 1x6 / 2x2.5	1x6 / 2x2.5		
	AWG 1x10 / 2x14	1x10 / 2x14		



60



99.01

Approvals
(according to type):



99.01 coil indication and EMC suppression modules for 90.20 and 90.21 sockets			Blue*
See technical data pages 247/248			
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 (62 kΩ/1W)	(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.

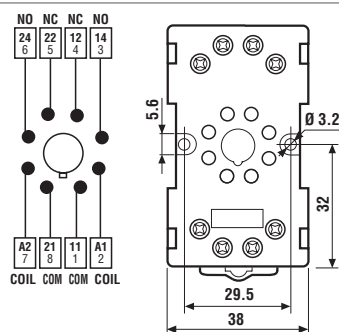


90.83.3

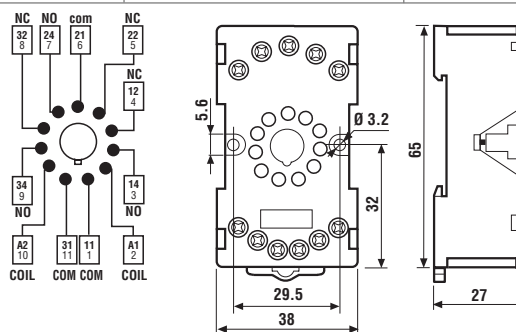
Approvals
(according to type):



Screw terminal (Box clamp) socket	90.82.3	90.82.30	90.83.3	90.83.30
panel or 35 mm rail (EN 50022) mount	Blue	Black	Blue	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	1x6 / 2x4		1x6 / 2x4
	AWG	1x10 / 2x14		1x10 / 2x14



90.82.3



90.83.3

60

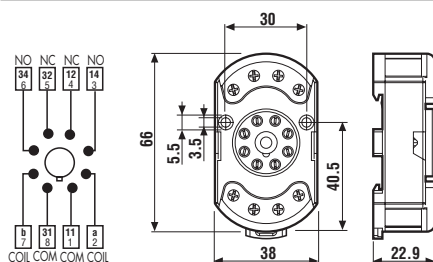


90.23

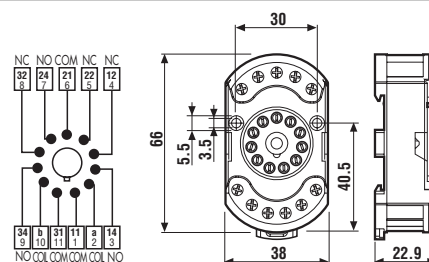
Approvals
(according to type):



Screw (Box clamp) terminal socket	90.22 (blue)		90.23 (blue)	
panel or 35 mm rail (EN 50022) mount				
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	1x6 / 2x2.5		1x6 / 2x2.5
	AWG	1x10 / 2x14		1x10 / 2x14



90.22



90.23