

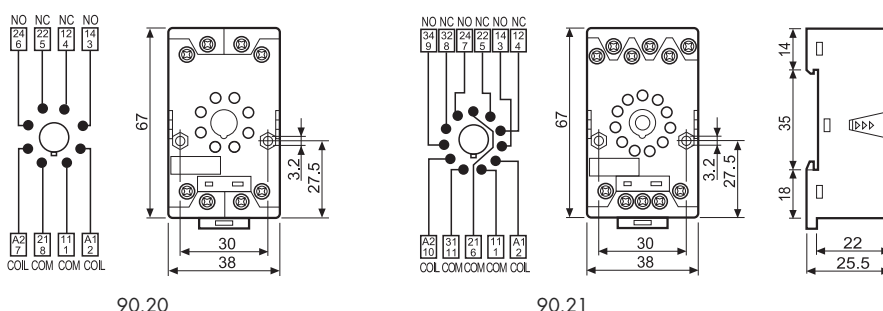


90.21

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 60715) 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		



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	

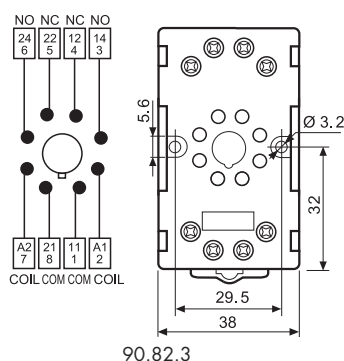


90.83.3

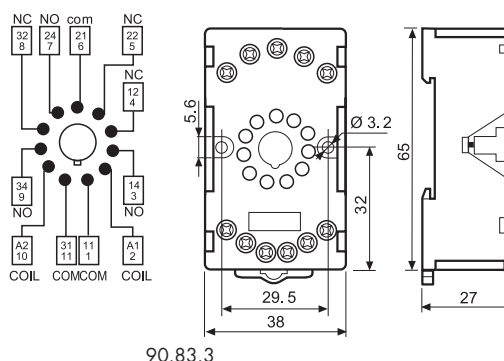
Approvals
(according to type):



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 1x6 / 2x4		1x6 / 2x4	
	AWG 1x10 / 2x14		1x10 / 2x14	



90.82.3



90.83.3

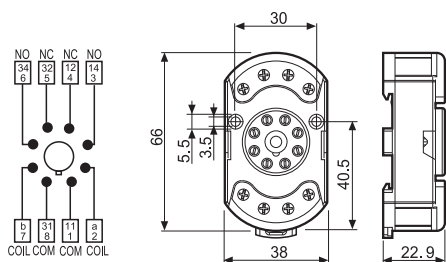


90.23

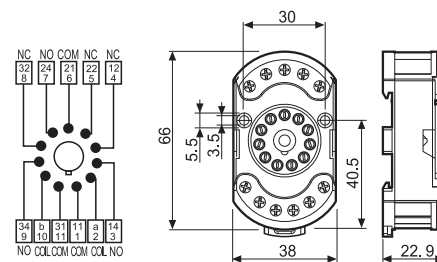
Approvals
(according to type):



Screw (Box clamp) terminal 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 1x6 / 2x2.5	1x6 / 2x2.5
	AWG 1x10 / 2x14	1x10 / 2x14



90.22



90.23