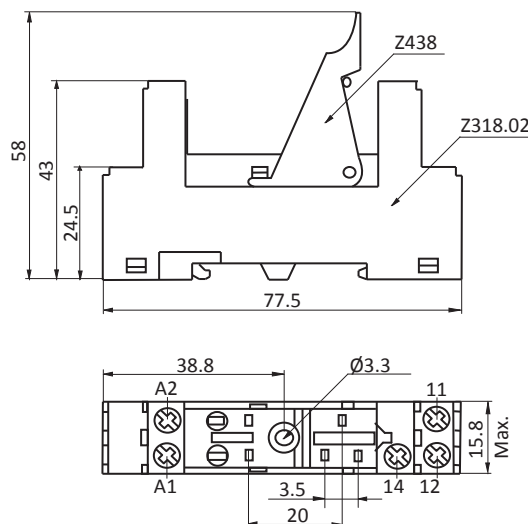


DIN-rail socket and accessories For power relay - 1 and 2 poles, 3.5 and 5.0 mm

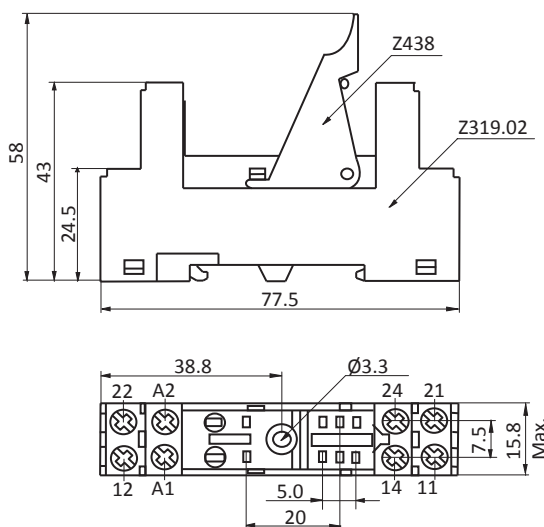
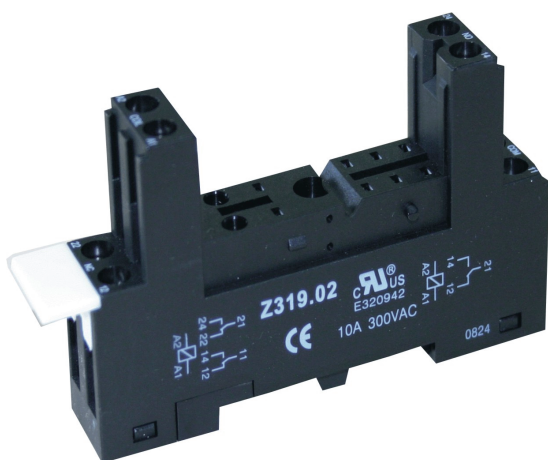
Features

- Protection group C250 (VDE 0110b/2)
- Sockets for 35mm DIN rail mount or screw mounting
- Rising clamp terminals with screws
- Accessories: modules, retaining clip, writing plates
- Sockets and accessories comply with RoHS-Directive 2011/65/EU

Z318.02 socket for 1 pole power relay, 3.5mm with screw connection, logical, C250

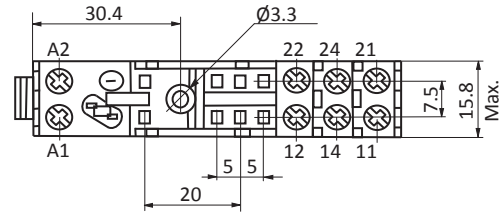
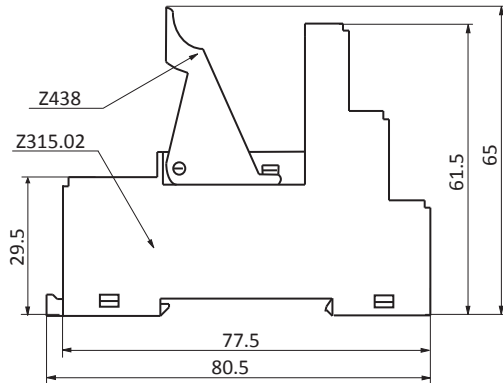
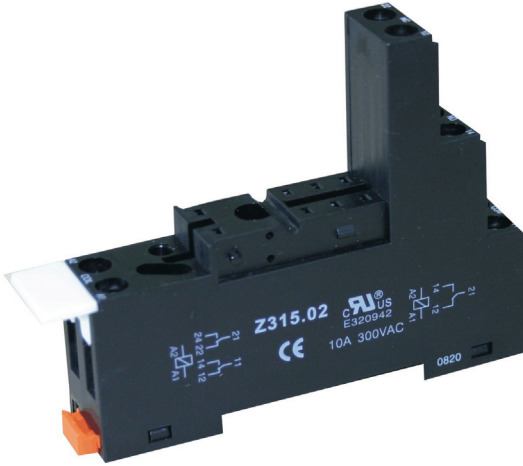


Z319.02 socket for 1 & 2 pole power relay, 5mm with screw connection, C250

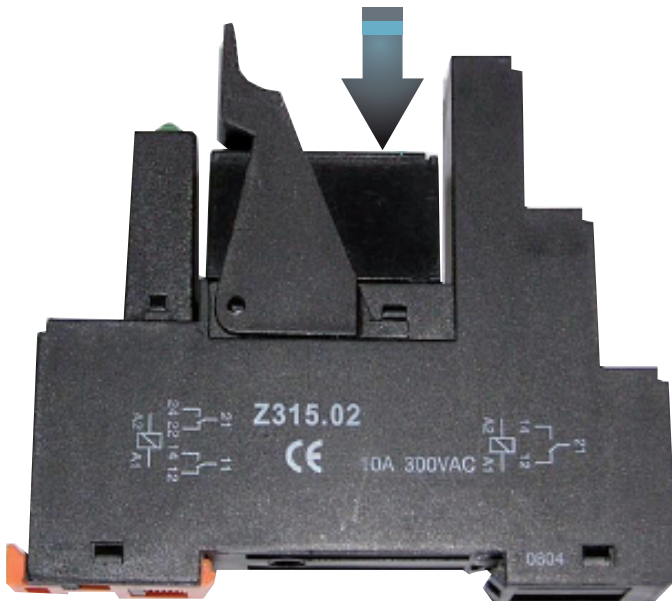


Z315 - Z319

Z315.02 socket for 1 & 2 pole power relay, 5mm with screw connection, logical, C250



To remove the relay easily,
please press here while you
push back the retaining clip

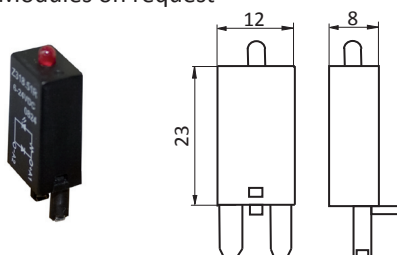


Technical data			
Electrical / mechanical Data	Z318.02	Z319.02	Z315.02
Rated current	12A	10A*	10A*
Rated voltage	300VAC	300VAC	300VAC
Dielectric strength coil to contact circuits	4000VAC	4000VAC	4000VAC
Dielectric strength open contact circuit	1000VAC	1000VAC	1000VAC
Dielectric strength adjacent contact circuits	-	2500VAC	2500VAC
Ambient temperature	-40 .. +70 °C		
Terminal protection degree acc. EN60529	IP20		
Terminal capacity	2 x 2.5 mm ²		
Terminal capacity with cable end	2 x 1.5 mm ²		
Maximum torque	0.7Nm		
Screw type	Combination of slotted and Phillips head screw - M3		
Packaging unit sockets	20 pcs.		
Packaging unit modules	20 pcs.		
Packaging unit retaining clips	20 pcs.		
Approvals	CUL		

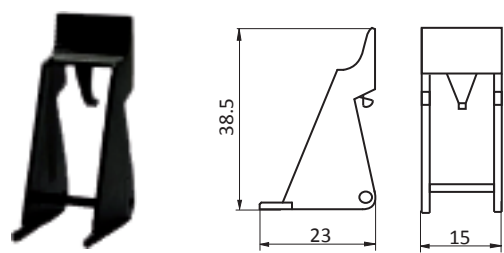
(*) for 1 pole relay 17A, the relay terminals 11-21, 12-22 and 14-24 have to be bridged.

Standard part numbers	
DIN rail socket 3.5 mm logical	Z318.02
DIN rail socket 5.0 mm	Z319.02
DIN rail socket 5.0 mm logical	Z315.02
Platic retaining clip	Z438
Writing plate - supplied with socket	SR2P
Protection diode (+ A1)	Z318.53
Protection diode (+ A2)	Z318.50
Green LED + protection diode 6/24VDC (+A1)	Z318.51
Red LED + protection diode 6/24VDC (+A1)	Z318.51R
Green LED 6..24V AC/DC (+ A1)	Z318.52
Red LED 6..24V AC/DC (+A1)	Z318.52R
Green LED + protection diode 6/24VDC (+A2)	Z318.57
Red LED + protection diode 6/24VDC (+A2)	Z318.57R
Green LED 110..230V AC/DC (+ A1)	Z318.58
Red LED 110..230V AC/DC (+ A1)	Z318.58R
Varistor 24VAC	Z318.54
Varistor 230VAC	Z318.55

* other Modules on request



Module Z318.5x



Clip Z438

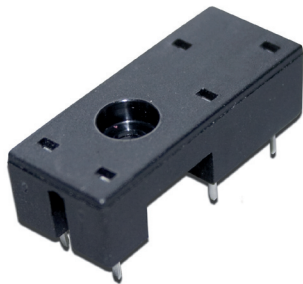
PCB socket for power relay

Features

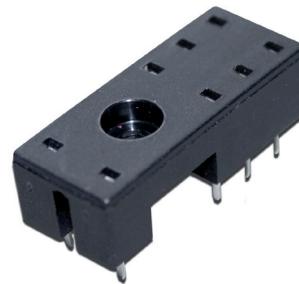
- Standard 3.5mm pinning for 1 pole relay
- Standard 5mm pinning for 1 and 2 poles relay
- Large cavity offering space to add component between sockets and PCB
- Sockets are RoHS compliant according 2011/65/EU

Technical data	Z316.01	Z317.01
Rated load	12A / 300V	8A / 300V
Dielectric Strength between coil and contact	5000V	5000V
Dielectric Strength between adjacent contact circuits	-	2000V
Ambient temperature	-40...+85°C	-40...+85°C
Metal retaining clip 15mm	88140	88140

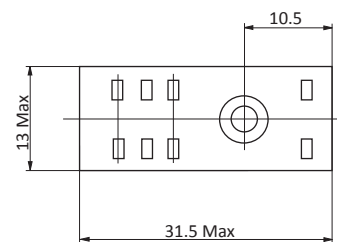
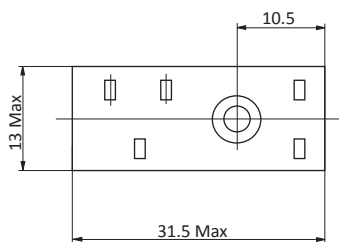
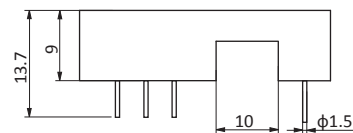
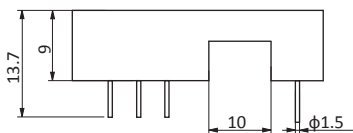
Z316.01



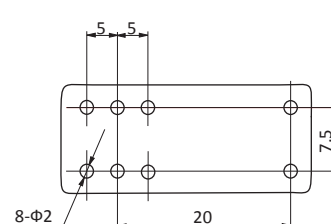
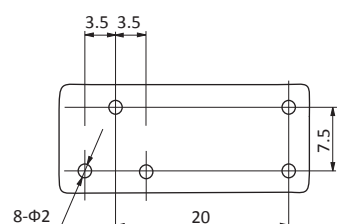
Z317.01



Dimensions



PCB-Layout



View on solder pins. Dimensions in mm.

Disclaimer

All technical performance data apply to the relay as such, specific conditions of the individual application are not considered. Please always check the suitability of the relay for your intended purpose. We do not assume any responsibility or liability for not complying herewith. We recommend to complete our questionnaire and to request our technical service. Any responsibility for the application of the product remains with the customer only. All specifications are subject to change without notification. All rights of NF Forward GmbH are reserved.