

- 2 contatos reversíveis (10A) ou 4 contatos reversíveis (5A)
- Bobinas para CA ou CC
- Botão de teste bloqueável e indicador mecânico de operação
- Indicador LED
- Homologado UL e CE

Código de compra / How to order

TNA2RC3

Número de contatos / Number of contacts
 2R - 2 reversíveis / DPDT
 4R - 4 reversíveis / 4PDT

Tensão nominal da bobina / Nominal coil voltage
 C2 - 12 VCC/VDC
 C3 - 24 VCC/VDC
 C66 - 125 VCC/VDC
 A22 - 24 VCA/VAC
 A3 - 110 VCA/VAC
 A4 - 220 VCA/VAC

Para outras tensões, consulte a linha MSO



- Lockable test button and mechanical flag indicator
- LED indicator
- DPDT - 10A
- 4PDT - 5A
- AC or DC coils
- UL and CE approvals

Especificações de bobina / Coil specifications (a/at 23°C)

Modelo / Type	Tensão nominal / Nominal voltage V	Máx. tensão contínua / Max. allowable voltage V	Tensão de operação / Pick-up voltage V	Tensão de desoperação / Drop-out voltage V	Corrente nominal / Nominal coil current mA	Resistência (±10%) / Resistance (±10%) Ω*
CC/DC	C2	12	≤ 9	≥ 1,2	67	180
	C3	24	≤ 18	≥ 2,4	38	630
	C66	125	≤ 106	≥ 12,4	7,2	17300
CA/AC	A22	24	≤ 19,2	≥ 7,2	53	180
	A3	110	≤ 88	≥ 33	15	4430
	A4	220	≤ 184	≥ 69	7	15000

* ±15% acima (over) de 1200Ω

Especificações de contato / Contact specifications

Número de contatos / Contacts	2R	4R
Capacidade do contato / Maximum contact rating	250 VCA/VAC 10A 30 VCC/VDC 10A	250 VCA/VAC 5A 30 VCC/VDC 5A
Carga resistiva / Resistive load cos Ø = 1		
Motor	1/3 HP, 120 VCA/VAC 1/2 HP, 240 VCA/VAC	1/6 HP, 120 VCA/VAC 1/3 HP, 240 VCA/VAC
Corrente de comutação máx. / Maximum switching current	10A	5A
Potência de comutação máx. / Maximum switching power	2500VA / 300W	1250VA / 150W
Tensão de comutação máx. / Maximum switching voltage	380VCA/VAC / 150VCC/VDC	380VCA/VAC / 150VCC/VDC
Resistência de contato máx. / Maximum contact resistance	50mΩ	50mΩ
Tempo de operação e desoperação / Operate and release time	20ms máx.	20ms máx.
Material dos contatos / Contact material	Liga de prata / Silver alloy	Liga de prata / Silver alloy

Características gerais / Characteristics

Rigidez dielétrica entre bobina e contatos / Breakdown voltage between contacts and coil	1800 VCA/VAC - 60Hz (1 minuto/minute)
Rigidez dielétrica entre contatos / Breakdown voltage between contact sets	1000 VCA/VAC - 60Hz (1 minuto/minute)
Resistência de isolamento / Insulation resistance	500 MΩ min. (500 VCC/VDC)
Temperatura de operação / Ambient temperature	-55°C ~ +70°C
Vibração máxima / Max. vibration	10 ~ 55 Hz amplitude 1,0mm / 10 ~ 55Hz at amplitude of 1.0mm
Vida mecânica / Mechanical life	10 ⁷ operações min. / operations min.
Vida elétrica (carga máxima) / Electrical life	10 ⁵ operações min. / operations min.

Dimensões e diagramas / Dimensions and layouts (mm)

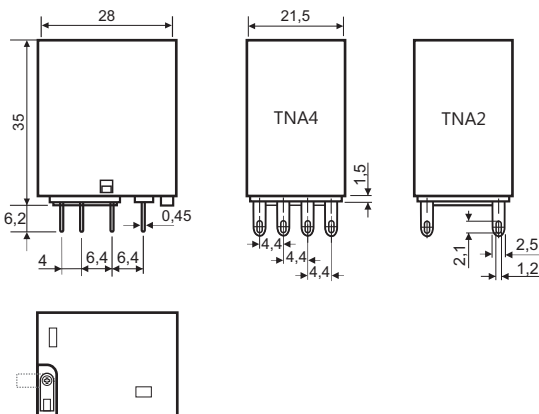
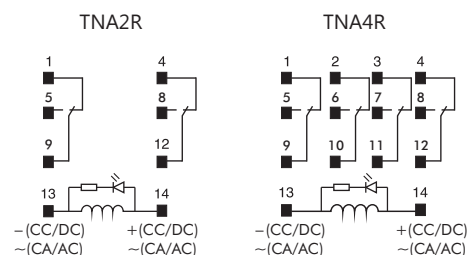



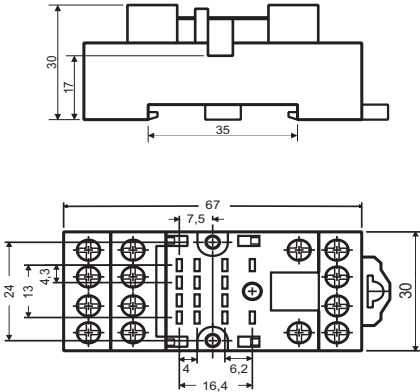
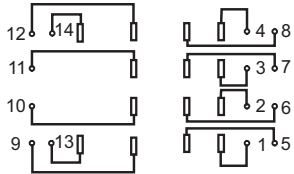

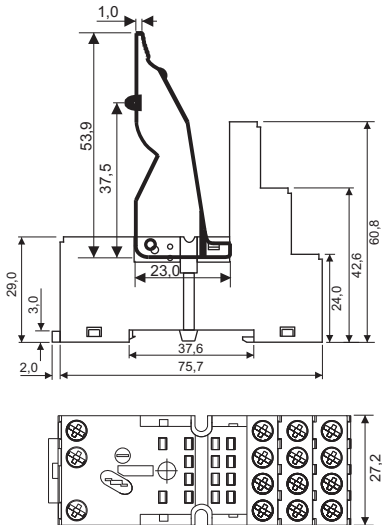
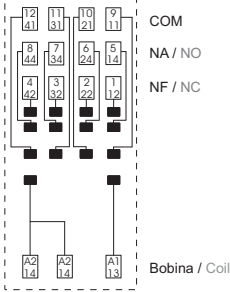

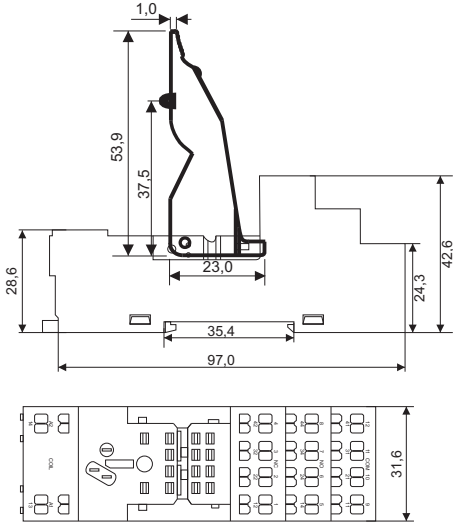
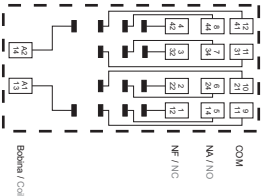
Diagrama Elétrico / Schematic

(Vista de baixo / Bottom view)

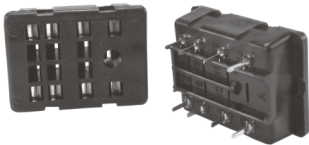
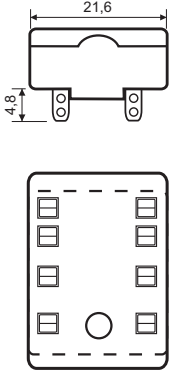
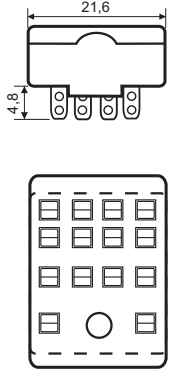
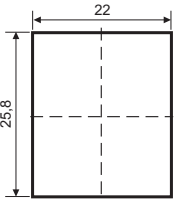

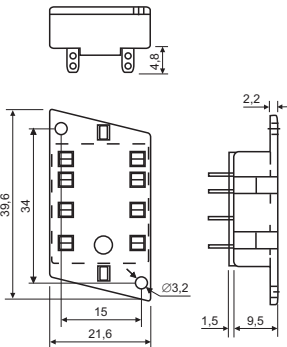
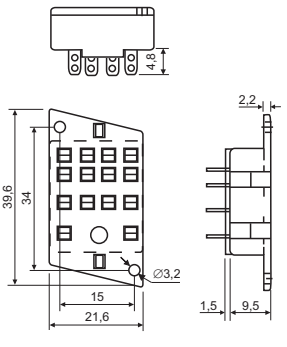
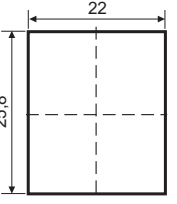
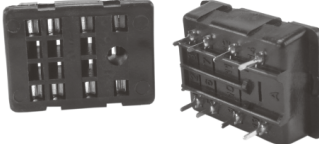
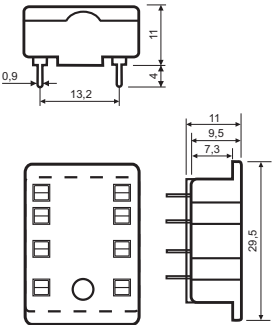
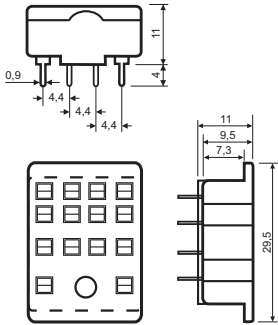


Tolerâncias / Tolerance : ± 0,20 mm

Soquetes

PRT5	Dimensões / Connections diagram	Diagrama de conexões / Connections diagram												
 <p>Soquete com terminais parafuso. Presilha vendida separadamente.</p>														
<p>PRT55</p>  <p>Soquete com terminais parafuso. Presilha inclusa.</p>														
<p>PRT55M</p>  <p>Soquete com terminais mola. Presilha inclusa.</p>		 <p>Características gerais / Characteristics</p> <table border="1"> <tr> <td>Tensão nominal / Rated voltage</td> <td>250 VCA / VAC</td> </tr> <tr> <td>Corrente nominal / Rated current</td> <td>7A</td> </tr> <tr> <td>Rigidez dielétrica / Withstand voltage</td> <td>2000 VCA / VAC</td> </tr> <tr> <td>Temperatura de operação / Temperature range</td> <td>-20°C a/to +70°C</td> </tr> <tr> <td>Comprimento do fio despontado / Wire strip length</td> <td>7mm</td> </tr> <tr> <td>Bitola do fio / Wire gauge</td> <td>1,5 mm²</td> </tr> </table>	Tensão nominal / Rated voltage	250 VCA / VAC	Corrente nominal / Rated current	7A	Rigidez dielétrica / Withstand voltage	2000 VCA / VAC	Temperatura de operação / Temperature range	-20°C a/to +70°C	Comprimento do fio despontado / Wire strip length	7mm	Bitola do fio / Wire gauge	1,5 mm ²
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Soquetes

<p>MSO</p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>MSO2T</p>  </div> <div style="text-align: center;"> <p>MSO4T</p>  </div> </div>	<p>Recorte do painel Panel cutout</p> 
<p>PRT5</p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>MSO2TF</p>  </div> <div style="text-align: center;"> <p>MSO4TF</p>  </div> </div>	<p>Recorte do painel Panel cutout</p> 
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>MSO4CI</p>  </div> <div style="text-align: center;"> <p>MSO4CI</p>  </div> </div>	<p>Recorte do painel Panel cutout</p> 