



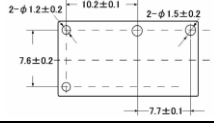
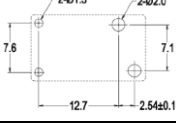
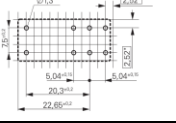
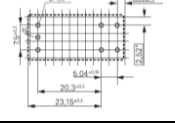




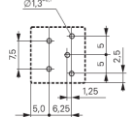
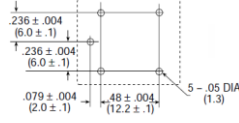
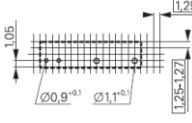
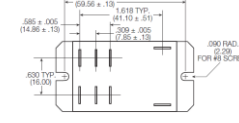






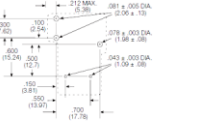
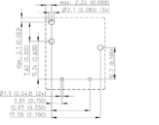
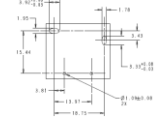
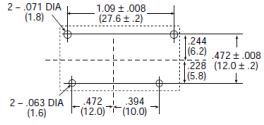
# TE Mechanical Relay





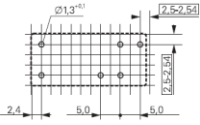
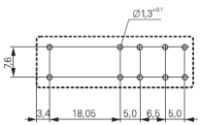
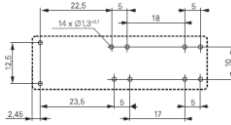
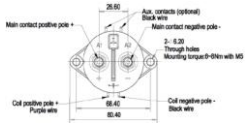
BRAND	TE	TE	TE	TE	
Type	PCH	OJ / OJE / OJS	RT	RT inrush	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	20 x 10 x 15.2	18.2 x 10.2 x 14.7	29 x 12.7 x 15.7	29 x 12.7 x 15.7	
Terminal Layout dimension Bottom view (PCB layout)					
Features	<ol style="list-style-type: none"> <li>1. Compact size</li> <li>2. Meet 8kV surge voltage between coil and contacts</li> <li>3. TV-3 ratings for NO contact</li> </ol>	<ol style="list-style-type: none"> <li>1. Miniature size</li> <li>2. Meet 4kV dielectric between coil and contacts</li> <li>3. Meet UL TV-5 ratings</li> </ol>	<ol style="list-style-type: none"> <li>1. Sensitive DC and AC coil</li> <li>2. 5kV/10mm coil-contact</li> <li>3. Reinforced insulation</li> <li>4. Latching version available</li> </ol>	<ol style="list-style-type: none"> <li>1. Inrush peak currents able up to 320A</li> <li>2. Latching version available</li> <li>3. 5kV/10mm coil-contact</li> <li>4. Reinforced insulation</li> </ol>	
Contact Form	1A, 1C	1A	1A, 1C, 2A, 2C	1A, 1C	
Carry Current	3/5/10A	3/5/8/10/16A	8/16A	12/16A	
Coil Voltage	3 to 48VDC	3 to 48VDC	5 to 110VDC / 24 to 230VAC	5 to 110VDC	
Coil Operating Power	200/400mW	200/250/450mW	400mW/0.75VA	650/665mW	
Max Switching Power	1400VA/150W (NO) 850VA/90W (NC)	720 to 2500VA/ 90 to 240W	2000/4000VA	4000VA	
Rate Voltage	277VAC/30VDC	250VAC/28VDC	250VAC	250VAC	
Dielectric Strength (coil and contact)	4000Vrms	3000/4000Vrms	5000Vrms	5000Vrms	
Operating Temperature	up to 85°C	up to 85°C	up to 85°C	up to 70°C	
Operatng / Release Time	10/5ms	10/4ms	8/6ms	9/6ms	
Running Specifications	Load	100x10 <sup>3</sup> operations 10A 125VAC, 85°C	60x10 <sup>3</sup> operations 5A, 250VAC, 85°C	3x10 <sup>4</sup> operations (2a 8A, 1a 16A), 250VAC, 85°C	50x10 <sup>3</sup> operations 16A, 250VAC, 85°C
	Nonload	10 <sup>7</sup> operations	10 <sup>7</sup> operations	3x10 <sup>7</sup> operations(DC coil)	5x10 <sup>6</sup> operations at least

BRAND	TE	TE	TE	TE	
Type	PB / PBH	ORWH	PCN	T92 / T92H	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	15 x 15 x 20	19.0 x 15.5 x 15.8	20 x 5 x 12.5	52.3 x 34.6 x 30.8	
Terminal Layout dimension Bottom view (PCB layout)					
Features	<ol style="list-style-type: none"> <li>1. Ambient temperatures up to 105°C (PBH)</li> <li>2. Compact and simple design gives high process security</li> </ol>	<ol style="list-style-type: none"> <li>1. 10A switching capacity</li> <li>2. Flux proof or sealed type available</li> </ol>	<ol style="list-style-type: none"> <li>1. 5mm wide slim type, allowing high density spacing</li> <li>2. Reinforced insulation type available</li> </ol>	<ol style="list-style-type: none"> <li>1. DC or AC coil</li> <li>2. 4kV/8mm coil-contact</li> <li>3. PCB or QC connections or chassis mount</li> </ol>	
Contact Form	1A, 1C	1A, 1C	1A	2A, 2C	
Carry Current	10A	10A	3/5A	30A	
Coil Voltage	5 to 24VDC	3 to 48VDC	3 to 24VDC	6 to 110VDC / 12 to 277VAC	
Coil Operating Power	360mW/500mW	360mW	120mW	1.7W/4.0VA	
Max Switching Power	2500VA	2770VA/360W	750VA/1250VA	7500VA	
Rate Voltage	250VAC	277VAC/28VDC	250VAC/30VDC	400VAC	
Dielectric Strength (coil and contact)	2500Vrms	1500Vrms	3000Vrms	4000Vrms	
Operating Temperature	up to 85°C/105°C	up to 70°C/105°C	up to 70°C	up to 65°C/85°C	
Operatng / Release Time	10/20 ms	10ms/5 ms	8/3 ms	25/25ms	
Running Specifications	Load	20x10 <sup>3</sup> operations 10A, 250VAC, 85°C	10 <sup>5</sup> operations 10A, 250VAC, 85°C	3x10 <sup>4</sup> operations 5 A, 250 VAC, 85°C	5x10 <sup>4</sup> operations 40A, 240VAC, 85°C
	Nonload	5x10 <sup>6</sup> operations	10 <sup>7</sup> operations	2x10 <sup>7</sup> operations	10 <sup>6</sup> operations at least

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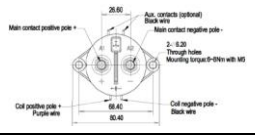
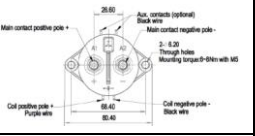
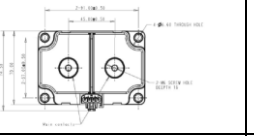
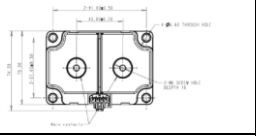
# TE Mechanical Relay





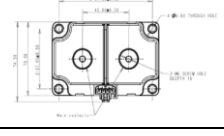
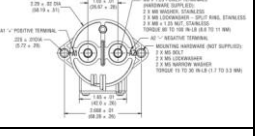
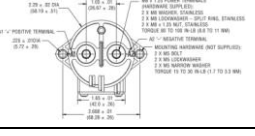
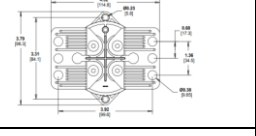
BRAND	<a href="#">TE</a>	<a href="#">TE</a>	<a href="#">TE</a>	<a href="#">TE</a>	
Type	T9A	T9G	T9V	PCF	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	32.3 x 27.4 x 20.4	29 x 21.5 x 15.7	32.5 x 27.4 x 20.4	30.4 x 16 x 26.5	
Terminal Layout dimension Bottom view (PCB layout)					
Features	<ol style="list-style-type: none"> <li>PCB and QC connections and chassis mount version</li> <li>UL-class F as standard</li> <li>Open version available</li> </ol>	<ol style="list-style-type: none"> <li>8kV Initial surge voltage between contact and coil</li> <li>Option for 6.3mm quick connect terminals</li> </ol>	<ol style="list-style-type: none"> <li>1 pole 40A, 1 NO contact</li> <li>Contact gap &gt;1.8mm (suffix S)</li> <li>350mW hold power</li> </ol>	<ol style="list-style-type: none"> <li>QC terminal for load (PCF only)</li> <li>Meet 4kV dielectric voltage between coil and contact</li> </ol>	
Contact Form	1A, 1C	1A, 1B, 1C	1A	1A	
Carry Current	30A	20/30A	30/40A	25A	
Coil Voltage	6 to 48VDC	5 to 110VDC	12VDC	6 to 24VDC	
Coil Operating Power	1W/900mW	900mW	2.25W	900mW	
Max Switching Power	7500VA	7500VA	10 000 VA	6370VA	
Rate Voltage	250VAC	250VAC	277VAC	250VAC	
Dielectric Strength (coil and contact)	2500Vrms	4000Vrms	4000Vrms	4000Vrms	
Operating Temperature	up to 85°C	up to 105°C	up to 85°C	up to 55°C	
Operatng / Release Time	15/15ms	15/22ms	18/15ms	20/10ms	
Running Specifications	Load	10 <sup>5</sup> operations 30A, 240VAC, general purpose	75x10 <sup>3</sup> operations 30A, 250VAC, 85°C (PCB)	20x10 <sup>3</sup> operations 35A, 250VAC, 85°C	100x10 <sup>3</sup> operations 25A, 250VAC, 55°C
	Nonload	10 <sup>7</sup> operations	10 <sup>7</sup> operations	10 <sup>6</sup> operations	10 <sup>7</sup> operations

BRAND	<a href="#">TE (Force Guided)</a>	<a href="#">TE (Force Guided)</a>	<a href="#">TE (Force Guided)</a>	<a href="#">TE (High Voltage)</a>	
Type	SR2M (V23047)	SR4 D/M	SR6 D/M	ECK150	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	29 x 12.6 x 25.5	40 x 13 x 16.5	55 x 16.5 x 16.5	80.4 x 52.8 x 73.0	
Terminal Layout dimension Bottom view (PCB layout)					
Features	<ol style="list-style-type: none"> <li>2 pole relay with force guided contacts according to EN 50205</li> <li>Reinforced insulation between poles</li> </ol>	<ol style="list-style-type: none"> <li>4 pole relay with force guided contacts according to EN50205</li> <li>Compact design, space efficient</li> </ol>	<ol style="list-style-type: none"> <li>4/6 pole relay with force guided contacts according to EN 50205</li> <li>Reinforced insulation between all contacts</li> </ol>	<ol style="list-style-type: none"> <li>Designed with built-in economizer, hold power 1.7W</li> <li>Maximum breaking current at 1500A, breaking voltage at 1000VDC</li> </ol>	
Contact Form	1A+1B, 2C	3A+1B, 2A+2B	3A+1B, 2A+2B	1A	
Carry Current	6A	8A	8A	200A	
Coil Voltage	5 to 110VDC	5 to 110VDC	5 to 110VDC	9 to 36VDC	
Coil Operating Power	700mW	800mW	1200/800mW	Start: 43.2W, Hold: 1.7W	
Rate Voltage	250VAC	250VAC	250VAC	1000VDC	
Dielectric Strength (coil and contact)	4000Vrms	4000Vrms	4000Vrms	3500Vrms	
Operating Temperature	up to 70°C	up to 70°C	up to 70°C	up to 85°C	
Operatng / Release Time	----	----	----	30/10ms	
Running Specifications	Load	10 <sup>5</sup> operations 1A/24VDC, 70°C	6x10 <sup>3</sup> operations 8A, 250VAC, 70°C	6x10 <sup>3</sup> operations 8A, 250VAC, 70°C	6x10 <sup>3</sup> operations, load: 150A, 450VDC, make/break, resistive
	Nonload	10 <sup>7</sup> operations	10 <sup>7</sup> operations	10 <sup>7</sup> operations	5x10 <sup>5</sup> operations

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# TE Mechanical Relay

BRAND	<a href="#">TE (High Voltage)</a>	<a href="#">TE (High Voltage)</a>	<a href="#">TE (High Voltage)</a>	<a href="#">TE (High Voltage)</a>	
Type	<b>ECK200</b>	<b>ECK250</b>	<b>ECP150B</b>	<b>ECP250B</b>	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	80.4 x 52.8 x 73.0	80.4 x 52.8 x 73.0	104.0 x 74.5 x 89.5	104.0 x 74.5 x 89.5	
Terminal Layout dimension Bottom view (PCB layout)					
Features	<ol style="list-style-type: none"> <li>1. Designed with built-in economizer, hold power 1.7W</li> <li>2. Maximum breaking current at 1500A, breaking voltage at 1000VDC</li> </ol>	<ol style="list-style-type: none"> <li>1. Designed with built-in economizer, hold power 1.7W</li> <li>2. Maximum breaking current at 1500A, breaking voltage at 1000VDC</li> </ol>	<ol style="list-style-type: none"> <li>1. Allow bi-directional load</li> <li>2. Dual coil design, hold 5W</li> <li>3. Auxiliary contact available</li> <li>4. Rate Switching current 150A</li> </ol>	<ol style="list-style-type: none"> <li>1. Allow bi-directional load</li> <li>2. Dual coil design, hold 5W</li> <li>3. Auxiliary contact available</li> <li>4. Rate Switching current 250A</li> </ol>	
Contact Form	1A	1A	1A	1A	
Carry Current	500A	500A	350A	350A	
Coil Voltage	9 to 36VDC	9 to 36VDC	12 to 24VDC	12 to 24VDC	
Coil Operating Power	Start: 43.2W, Hold: 1.7W	Start: 43.2W, Hold: 1.7W	Start: 50W, Hold: 5W	Start: 50W, Hold: 5W	
Rate Voltage	1000VDC	1000VDC	1500VDC	1500VDC	
Dielectric Strength (coil and contact)	3500Vrms	3500Vrms	4000Vrms	4000Vrms	
Operating Temperature	up to 85°C	up to 85°C	up to 85°C	up to 85°C	
Operatng / Release Time	30/10ms	30/10ms	50/30ms	50/30ms	
Running Specifications	Load	6x10 <sup>3</sup> operations, load: 200A, 450VDC, make/break, resistive	6x10 <sup>3</sup> operations, load: 250A, 450VDC, make/break, resistive	500 operations, load: 150A, 1500VDC, make/break, resistive	500 operations, load: 250A, 1500VDC, make/break, resistive
	Nonload	5x10 <sup>5</sup> operations	5x10 <sup>5</sup> operations	2x10 <sup>5</sup> operations	2x10 <sup>5</sup> operations

BRAND	<a href="#">TE (High Voltage)</a>	<a href="#">TE (High Voltage)</a>	<a href="#">TE (High Voltage)</a>	<a href="#">TE (High Voltage)</a>	
Type	<b>ECP350B</b>	<b>IHV200</b>	<b>EV200B</b>	<b>K1K</b>	
外觀形狀 Appearance					
尺寸 Size (LxWxH) mm	104.0 x 74.5 x 89.5	80.48 x 62.23 x 72.3	80.48 x 62.23 x 72.3	114.8 x 96.3 x 74.2	
Terminal Layout dimension Bottom view (PCB layout)					
Features	<ol style="list-style-type: none"> <li>1. Allow bi-directional load</li> <li>2. Dual coil design, hold 5W</li> <li>3. Auxiliary contact available</li> <li>4. Rate Switching current 350A</li> </ol>	Designed to be the smallest, lightest weight, lowest cost sealed contactor in the industry with its current rating	Designed to be the smallest, lightest weight, lowest cost sealed contactor in the industry with its current rating	<ol style="list-style-type: none"> <li>1. Suitable for application in harsh environments</li> <li>2. Bidirectional switching</li> <li>3. Main contacts not polarity sensitive</li> </ol>	
Contact Form	1A	1A	1B	1A	
Carry Current	350A	500A	500A	1000A	
Coil Voltage	12 to 24VDC	12 to 95VDC	12 to 24VDC	12 to 24VDC	
Coil Operating Power	Start: 50W, Hold: 5W	Hold: 1.7W	-----	Hold: 8W	
Rate Voltage	1500VDC	900VDC	750VDC	100VDC	
Dielectric Strength (coil and contact)	4000Vrms	2200Vrms	2200Vrms	2800Vrms	
Operating Temperature	up to 85°C	up to 85°C	up to 85°C	up to 105°C	
Operatng / Release Time	50/30ms	15/12ms	15/15ms	50/8ms	
Running Specifications	Load	400 operations, load: 300A, 1500VDC, make/break, resistive	700 operations, load: 200A, 600VDC, make/break, resistive	10,000 operations, load 200A, 270Vdc, make/ break, resistive	3500 operations, load: 200 A, 1000 VDC, make/break, resistive
	Nonload	2x10 <sup>5</sup> operations	10 <sup>6</sup> operations	10 <sup>6</sup> operations	10 <sup>5</sup> operations

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