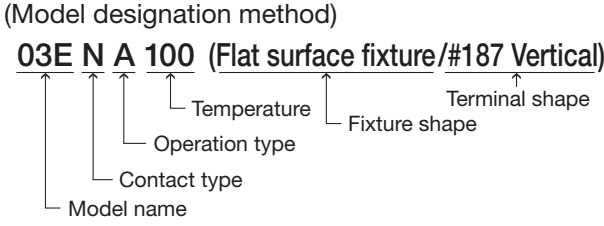

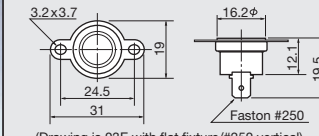

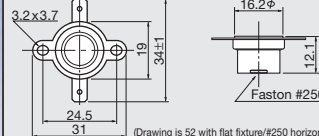

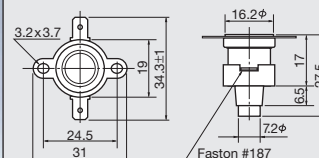

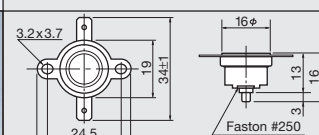

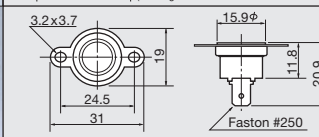


■ Disk Type Thermostat ■

Disk Type Thermostat																
<p>(Model designation method)</p> <p>03E N A 100 (Flat surface fixture/#187 Vertical)</p> 		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #d3d3d3;">Body</td> <td>03E.....Phenol, 52.....Ceramic</td> </tr> <tr> <td style="background-color: #d3d3d3;">Contact</td> <td>N.....0.1A~15A, C.....0.05A~3A, P.....1mA~100mA</td> </tr> <tr> <td style="background-color: #d3d3d3;">Operation type</td> <td>A...OFF when temperature rises, B...ON when temperature rises</td> </tr> <tr> <td style="background-color: #d3d3d3;">Operation temperature</td> <td>03E is up to 150°C, 52N is up to 230°C, 52P is up to 180°C</td> </tr> <tr> <td style="background-color: #d3d3d3;">Fixture</td> <td>Flat fixture or hat shaped fixture</td> </tr> <tr> <td style="background-color: #d3d3d3;">Terminal shape</td> <td>Vertical and horizontal type for #187 and #250 #187 : 4.8mm(w), 0.5mm(t) #250 : 6.3mm(w), 0.8mm(t)</td> </tr> </table>			Body	03E.....Phenol, 52.....Ceramic	Contact	N.....0.1A~15A, C.....0.05A~3A, P.....1mA~100mA	Operation type	A...OFF when temperature rises, B...ON when temperature rises	Operation temperature	03E is up to 150°C, 52N is up to 230°C, 52P is up to 180°C	Fixture	Flat fixture or hat shaped fixture	Terminal shape	Vertical and horizontal type for #187 and #250 #187 : 4.8mm(w), 0.5mm(t) #250 : 6.3mm(w), 0.8mm(t)
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<p>03E Auto reset Phenol body (up to 150°C)</p>		 <p>(Drawing is 03E with flat fixture/#250 vertical)</p>	<p>Features: Standard disk type thermostat with automatic reset function. Body thickness is 12.1mm.</p>													
<p>52 Auto reset Ceramic body (up to 230°C)</p>		 <p>(Drawing is 52 with flat fixture/#250 horizontal)</p>														
<p>23E Manual reset Phenol body (up to 150°C) Operation type B is not available</p>		 <p>(Drawing is 23E with flat fixture/#187 horizontal)</p>			<p>Features: Standard type with manual reset function. It has a safety structure to prevent the contact from being reset unless a button is pressed when the temperature becomes as low as room temperature. * Flat terminal only</p>											
<p>05E Manual reset Phenol body (up to 150°C) Operation type B is not available</p>		 <p>(Drawing is 05E with flat fixture/#250 horizontal)</p>					<p>Features: Manual reset type. Sophisticated design for reset button section. Once the contact trips, it will not return to the original position unless a button is pressed manually.</p>									
<p>15 Manual reset Ceramic body (up to 230°C) Operation type B is not available</p>		 <p>(Drawing is 15 with flat fixture/#250 vertical)</p>														

NOTE: All drawings are in 40% of full size to help you compare the sizes of products.

Specifications

Item	Method		
1.Mechanical configuration	Bimetal non-current-carrying type, single pole throw type, dust-proof type		
2.Contact method	A : Turns OFF when the temperature goes up		
	B : Turns ON when the temperature goes up		
3.Temperature setting range	0~100°C	+100~150°C	+160~230°C
4.Temperature setting tolerance	±3°C~±5°C	±4°C~±6°C	±6°C~±10°C
5.Differential	10~20°C	15~30°C	20~40°C
6.Condition of temperature measurement	When there is no load (single current), the temperature change speed shall be 1°C/1 minute		
7.Insulation resistance	1,000MΩ or higher by DC500V meg-ohm-meter		
8.Insulation tolerance	AC1,500V 1 for minute or AC1,800V 1 for second		
9.Contact resistance	30mΩ or less		

Overseas standard numbers and registered numbers

Item		U L	C S A	V D E
03EN 03EP	Phenol	(Registered number) E43273	(Registered number) LR67165 LR67166	(Registered number) 100896
52N 52P	Ceramic			