

## Ratings

### ● E series

Part No.	Type No. of Approved Standards	Rated Functioning Temp. : Tf *1 (°C)	Functioning Temp. *2 (°C)	Electrical Rating			Maximum Operating Temp. *3 (°C)	Holding Temp. : Th *4 (°C)	Maximum Temp. Limit : Tm *5 (°C)	Approved Safety Standards						
				AC/DC	Volt. (V)	Amp. (A)					UL C-UL	CSA	VDE	BEAB	CCC	
EYP05BE101	E101	102	98±3	AC	250	0.5	65	75	200		○	○	○	○	○	○
				AC	125	1.5	60	70		—	○	○	○	○	○	—
				DC	50	3	55	65		—	○	○	○	○	○	—
EYP05BE115	E115	115	110±2	AC	250	0.5	80	95	200		○	○	○	○	○	○
				AC	125	1.5	76	93		—	○	○	○	○	—	
				DC	50	3	70	84		—	○	○	○	○	—	
EYP05BE134	E134	134	129 <sup>+4</sup> / <sub>-3</sub>	AC	250	0.5	90	105	200		○	○	○	○	○	○
				AC	125	1.5	85	100		—	○	○	○	○	—	
				DC	50	3	70	85		—	○	○	○	○	—	
EYP05BE138	E138	139	135±3	AC	250	0.5	100	115	200		○	○	○	○	○	○
				AC	125	1.5	95	110		—	○	○	○	○	—	
				DC	50	4	65	80		—	○	○	○	○	—	
EYP05BE145	E145	145	141±2	AC	250	0.5	110	125	200		○	○	○	○	○	○
				AC	125	1.5	105	125		—	○	○	○	○	—	
				DC	50	5	80	95		—	○	○	○	○	—	

Note: (1) For long lead types add the letter "L" at the end of the part number.

(2) The information of the Approved Safety Standards is furnished as of Jun. 2010.

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### ● H series

Part No.	Type No. of Approved Standards	Rated Functioning Temp. : Tf *1 (°C)	Functioning Temp. *2 (°C)	Electrical Rating			Maximum Operating Temp. *3 (°C)	Holding Temp. : Th *4 (°C)	Maximum Temp. Limit : Tm *5 (°C)	Approved Safety Standards						
				AC/DC	Volt. (V)	Amp. (A)					UL C-UL	CSA	VDE	BEAB	CCC	
EYP2BH101	H101	102	98±3	AC	250	2	65	75	200		○	○	○	○	○	○
				AC	125	3	60	70		—	○	○	○	○	—	
				DC	50	3.5	55	65		—	○	○	○	○	—	
EYP2BH115	H115	115	110±2	AC	250	2	80	90	200		○	○	○	○	○	○
				AC	125	3	76	86		—	○	○	○	○	—	
				DC	50	3.5	74	84		—	○	○	○	○	—	
EYP2BH134	H134	134	129 <sup>+4</sup> / <sub>-3</sub>	AC	250	2	90	95	200		○	○	○	○	○	○
				AC	125	3	70	85		—	○	○	○	○	—	
				DC	50	3.5	65	80		—	○	○	○	○	—	
EYP2BH138	H138	139	135±3	AC	250	2	100	105	200		○	○	○	○	○	○
				AC	125	3	80	95		—	○	○	○	○	—	
				DC	50	3.5	75	90		—	○	○	○	○	—	
EYP2BH145	H145	145	141±2	AC	250	2	110	125	200		○	○	○	○	○	○
				AC	125	3	100	115		—	○	○	○	○	—	
				DC	50	4.5	85	100		—	○	○	○	○	—	

Note: (1) The information of the Approved Safety Standards is furnished as of Jun. 2010.

Approved Safety Standards File No. UL/C-UL:E60271, CSA:1709435(LR67163), VDE:481106-1171-0004, BEAB:C1140, CCC:2011010205464844

## Ratings

### ● MP series

Part No.	Rated Functioning Temp. : Tf *1 (°C)	Functioning Temp. *2 (°C)	Electrical Rating			Maximum Operating Temp. *3 (°C)	Holding Temp. : Th *4 (°C)	Maximum Temp. Limit : Tm *5 (°C)	Approved Safety Standards
			AC/DC	Volt. (V)	Amp. (A)				UL
EYP2MP092AFT	92	88 <sup>+3</sup> <sub>-4</sub>	DC	32	2	55	60	135	○
EYP2MP098AFT	98	94 <sup>+3</sup> <sub>-2.5</sub>	DC	32	2	60	65	135	○

Note: (1) The information of the Approved Safety Standards is furnished as of Jun. 2010.  
Approved Safety Standards File No. UL:E60271

### ● MU series

Part No.	Rated Functioning Temp. : Tf *1 (°C)	Functioning Temp. *2 (°C)	Electrical Rating			Maximum Operating Temp. *3 (°C)	Holding Temp. : Th *4 (°C)	Maximum Temp. Limit : Tm *5 (°C)	Approved Safety Standards
			AC/DC	Volt. (V)	Amp. (A)				UL
EYP4MU092GFD	92	89 <sup>+3</sup> <sub>-4</sub>	DC	32	4	55	55	135	○

Note: (1) The information of the Approved Safety Standards is furnished as of Jun. 2010.  
Approved Safety Standards File No. UL:E60271

#### \*1 Rated Functioning Temperature (Tf)

The temperature at which a TCO changes its state of conductivity to open circuit with loading detection current only.

Tolerance;  $\pm 7$  °C  
UL, CSA, VDE, BEAB, CCC;  $\pm 10$  °C

#### \*2 Functioning Temperature (Fusing-off temperature)

The functioning temperature at which a TCO changes its state of conductivity to open circuit in the ambient air oven which increases temperature by 1 °C per minute and with loading the detective current 0.1 A or less.

#### \*3 Maximum Operating Temperature

The maximum temperature at which a TCO can be maintained while conducting rated current for 1000 h.

For details please refer to specification.

#### \*4 Holding Temperature (Th)

The maximum temperature at which a TCO can be maintained while conducting rated current for 168 h which will not cause a change in state of conductivity to open circuit.

#### \*5 Maximum Temperature Limit (Tm)

The maximum temperature at which a TCO can maintains its mechanical and electrical properties without closing again for 10 minutes after a TCO has changed its state of conductivity.