



An alternative solution for:  
\* Panasonic TK1 relay



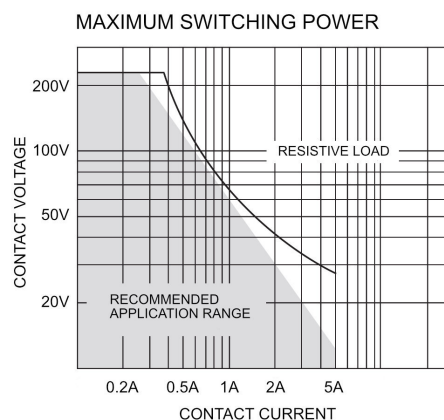
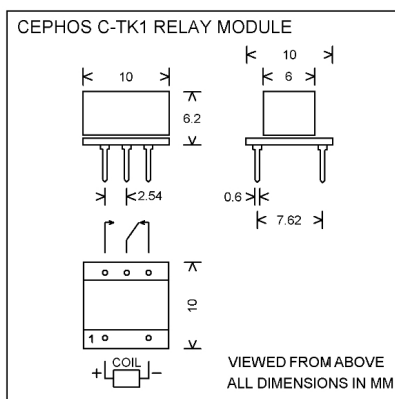
Contact Data	
Contact arrangement	2 pole C/O
Contact resistance	<50mΩ max at 10mA / 20mVdc
Contact material	PdRu + Au covered
Contact rating	2A
Max. switching current	2A
Max. Switching voltage	250Vac / 220Vdc
Max. Switching power	62.5VA / 60W
Min. Switching voltage	100μV
Mechanical endurance	typ. 10 <sup>8</sup> ops
Electrical endurance (Resistive load)	125Vdc at 0.24A: min 5 x 10 <sup>5</sup> ops 30Vdc at 1A: min 5 x 10 <sup>5</sup> ops 250Vac at 0.25A: min 1 x 10 <sup>5</sup> ops 30Vdc at 2A: min 1 x 10 <sup>5</sup> ops

Coil Data (5V)	
Pick-up voltage Vdc max.	3.75V
Drop-out voltage Vdc min.	0.5V
Coil resistance Ω	178Ω
Nominal power mW	140mW
Max voltage Vdc	12.1V

Coil Data (12V)	
Pick-up voltage Vdc max.	9V
Drop-out voltage Vdc min.	1.2V
Coil resistance Ω	1028Ω
Nominal power mW	140mW
Max voltage Vdc	28.9V

Characteristics	
Operate time	Typ. 1ms / 3ms max.
Release time	Typ. 1ms / 3ms max.
Ambient temperature	-40°C to 85°C
Degree of protection	Immersion cleanable IP67
Unit weight	1.04g

Coil Data (24V)	
Pick-up voltage Vdc max.	18V
Drop-out voltage Vdc min.	2.4V
Coil resistance Ω	2880Ω
Nominal power mW	200mW
Max voltage Vdc	48.5V



The fitted Axicom IM relay meets  
Telcordia GR 1089, FCC Part 68 and  
ITU-T K20, 21, 45

UL 508 File No. E 111441

Material compliance: EU  
RoHS/ELV, China RoHS, REACH

UL contact rating:

30Vdc	2.0A / 60W
125Vdc	0.24A / 30W
220Vdc	0.24A / 60W
125Vac	0.5A / 62.5W
250Vac	0.25A / 62.5W