



INTRODUCTION:

Once the quote has been accepted, the request is referred to UL's Conformity Assessment Services (CAS - Engineering) Department. In this department, the request is reviewed to develop a "Project Plan" for the formal engineering investigation. The Purpose of a "Project Plan" is to establish the scope (estimated sample, duration, test requirements, etc) of the formal investigation. The purpose of this "Product Information Form" is to:

- 1. Document the information provided during the Quote Request Activity
2. Request detailed technical information to allow for the generation of the "Project Plan"

Please provide any/all of the following items as appropriate to the request. Upon completion of the project planning stage, UL will provide a letter summarizing the findings and outlining the anticipated investigation. In this letter, additional information and/or samples may be requested. All provided information will be retained for use during the course of the formal investigation.

INSTRUCTIONS TO APPLICANT:

Complete the following form. If additional space is required, provide this information in the Appendixes, as appropriate, or in a separately attached document.

INFORMATION NEEDED:

Table with 13 rows and 4 columns. Columns include item number, description, and checkboxes for N/A, See Appendix, or See Attached document.

APPENDIX A

Model Nomenclature/Designation

When a model series is involved, please provide an explanation of the model nomenclature system with a description of the corresponding construction variations.

The following is an example of the suggested format:

Model Number	A	1	B	2
Suffix Field	I	II	III	IV

Where:

I – Basic Model Designation

II – Indicates _____

III – Indicates _____

IV – Indicates _____

Model Number				
Suffix Field	I	II	III	IV

Where:

I – Basic Model Designation

II – Indicates _____

III – Indicates _____

IV – Indicates _____

APPENDIX B

Please provide an electrical rating declaration for each terminal intended to interconnect with an external device. Please identify the anticipated function of each terminal, such as power supply input, communication, sensor input, etc. Please provide this information in any appropriate format. The following tables are offered as example formats:

Input –

Control Model Designation	Terminals	Function (i.e. power supply, sensor input, communication)	Ratings	
			Volatge	Current

Output –

Control Model Designation	Output Switching Device (i.e. Relay K1)	Terminal Designation	Ratings			
			Voltage	Current	Type of Load (i.e. resistive, Motor, General Purpose, Tungsten, Pilot duty, etc)	No. of Cycles

APPENDIX B (Cont'd)

Guidelines for Endurance Test Cycle Declaration:

Types of devices	Minimum number of cycles of operation	
	With Current	Without Current
Safety controls and limiting controls, automatically–reset controls	100,000	-
Water-heater temperature regulating thermostats	30,000	-
Range controls	Varies	-
Manually operated switch (temperature-regulating controls)	6,000	-
Protective switches not normally required to make and break a circuit, such as manually reset safety controls, not including automatically–reset controls	1,000	5,000
Appliance Controls (as specified by the end-product standard)	6,000 30,000 100,000	- - -
Drip-type coffee temperature-regulating, automatically–reset controls	100,000	
Drip-type coffee temperature-regulating, manual–reset controls	100,000 (per UL1082, Par SA11.2.2)	
Household Cooktop temperature-regulating controls	100,000	
Commercial Cooking temperature regulating controls (application does not involve grease/oil in the cooking process)	30,000	
Commercial Cooking temperature regulating controls (application involves grease/oil in the cooking process)	100,000	

APPENDIX C

Temperature Ratings: (complete all that apply)

Model No.	T ambient, °C	Ts-p, °C

Where:

T ambient = the maximum ambient temperature to which the control assembly will be exposed

T s-p = the sensor temperature at which the switching contacts change state upon temperature rise (setpoint); P s-p = sensor pressure at which the switching contacts change state upon pressure rise (setpoint).

APPENDIX D

Please provide a drawing or indication of all product markings, including date code and trademark or trade name if applicable:

Please attach the products' Marking here.

APPENDIX E

Identification of all polymeric materials according to the following table:

Example:

Non-metallic Parts

Part Name	Manufacture	Type	Material	File No	Remark
Enclosure	Chi Mei Corporation	PA-765A	ABS	E56070	

QMFZ2 Component - Plastics
 Friday, October 24, 2003
 E56070 (TPD)

CHI MEI CORPORATION
 59-1 SAN CHIA JEN TE TAINAN HSIEN TAIWAN

Material Designation: **PA-765A (+)**

Product Description: Acrylonitrile Butadiene Styrene (ABS), designated "Polylac" furnished as pellets.

Color	Min. Thick. mm	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	1.5	V-1	-	-	85	80	85	-	-
	2.1	V-0, 5V-B	3	0	85	80	85	-	-
	2.5	5VA	-	0	85	80	85	-	-
	3.0	V-0	0	0	85	80	85	-	-

CTI: 0 IEC CTI: - HVTR: 0 D495: 7 IEC Ball Pressure (°C): -

Dielectric Strength (kV/mm): - Volume Resistivity (10⁸ ohm-cm): - Dimensional Stability (%): -

ISO Tensile Strength (MPa): - ISO Flexural Strength (MPa): - ISO Heat Deflection (°C): -

ISO Tensile Impact (kJ/m²): - ISO Iod. Impact (kJ/m²): - ISO Charpy Impact (kJ/m²): -

(+) - Optional prefix or suffix may be used to denote 0-0.5% acid scavengers.

Report Date: 6/23/1983 Underwriters Laboratories Inc ?

Part Name	Manufacture	Type	Material	File No	Remark