



JABATAN KERJA RAYA MALAYSIA
CAWANGAN KEJURUTERAAN ELEKTRIK
UNIT PENSIJILAN BAHAN & STANDARD

TECHNICAL INFORMATION

CONTACTOR & SWITCHING CONTACTORS

A. COMPANY INFORMATION						
COMPANY NAME :						
ADDRESS :					TELEPHONE NO :	
					FAX NO :	
					COMPANY EMAIL :	
ISO CERTIFIED COMPANY			REGISTRATION NO:		SCOPE:	
1. ISO 9001	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
2. ISO 14001	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
3. ISO 50001	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
4. ISO	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
B. PRODUCT INFORMATION						
BRAND NAME :						
MODEL : 1. 4.						
2. 5.						
3. 6.						
STANDARD NO.: (MS IEC/IEC/etc.)						
CERTIFICATE OF APPROVAL : (SURUHANJAYA TENAGA, if any)					DATE OF ISSUE:	
					VALID UNTIL:	
PRODUCT CERTIFICATION : LICENSE (SIRIM/OTHER)					DATE OF ISSUE:	
					VALID UNTIL:	
TEST REPORT NO.:					TESTING LABORATORY:	
					DATE OF ISSUE:	
COUNTRY OF MANUFACTURE:						
NAME OF MANUFACTURER:						
FACTORY ADDRESS :						

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C. STANDARDS AND SPECIFICATIONS (Please tick \checkmark where applicable)

No.	Descriptions	Yes	No	Test Report No. & Page No.	Remarks (For JKR use)
1. CLASSIFICATION & CONSTRUCTION					
1.1	Fully tropicalised and suitable to be used up to an ambient temperature of 40°C	<input type="checkbox"/>	<input type="checkbox"/>
1.2	Suitable for use on 240/415 V, 50 Hz. a.c supply system.	<input type="checkbox"/>	<input type="checkbox"/>
1.3	The contacts shall be of quick-make and quick-break type, dust-proof and rust protected	<input type="checkbox"/>	<input type="checkbox"/>
1.4	Resistance to abnormal heat and fire (glow wire test), temperature:.....°C	<input type="checkbox"/>	<input type="checkbox"/>
1.5	No. Of Pole :	<input type="checkbox"/>	<input type="checkbox"/>
1.6	Conform to MS IEC 60947-1 & MS IEC 60947-4-1 or equivalent Standard. Please List.....	<input type="checkbox"/>	<input type="checkbox"/>
1.7	Utilization Category. (Please tick \checkmark to the relevant part only)				
	AC-1 :Non Inductive or slightly inductive loads, resistance furnaces, heaters	<input type="checkbox"/>	<input type="checkbox"/>
	AC-2 :Slip-ring motors: switching off	<input type="checkbox"/>	<input type="checkbox"/>
	AC-3 :Squirrel-cage motors: starting, switching off motors during running <i>Most typical industrial application</i>	<input type="checkbox"/>	<input type="checkbox"/>
	AC-4 :Squirrel-cage motors: starting, plugging, inching	<input type="checkbox"/>	<input type="checkbox"/>
	AC-5a :Switching of electric discharge lamps	<input type="checkbox"/>	<input type="checkbox"/>
	AC-5b : Switching of incandescent lamps	<input type="checkbox"/>	<input type="checkbox"/>
	AC-6a :Switching of transformers	<input type="checkbox"/>	<input type="checkbox"/>
	AC-6b :Switching of capacitor banks	<input type="checkbox"/>	<input type="checkbox"/>
	AC-7a :Slightly inductive loads in household appliances: mixers, blenders	<input type="checkbox"/>	<input type="checkbox"/>
	AC-7b :Motor-loads for household applications: fans, central vacuum	<input type="checkbox"/>	<input type="checkbox"/>
	AC-8a :Hermetic refrigerant compressor motor control with manual resetting overloads	<input type="checkbox"/>	<input type="checkbox"/>
	AC-8b :Hermetic refrigerant compressor motor control with automatic resetting overloads	<input type="checkbox"/>	<input type="checkbox"/>

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C. STANDARDS AND SPECIFICATIONS (Please tick \checkmark where applicable)					
No.	Descriptions	Yes	No	Test Report No. & Page No.	Remarks (For JKR use)
2. TYPE TEST					
2.1	Verification of temperature rise	<input type="checkbox"/>	<input type="checkbox"/>
2.2	Verification of operation and operating limits	<input type="checkbox"/>	<input type="checkbox"/>
2.3	Verification of dielectric properties	<input type="checkbox"/>	<input type="checkbox"/>
2.4	Verification of rated making and breaking capacities.	<input type="checkbox"/>	<input type="checkbox"/>
2.5	Verification of conventional operational performance	<input type="checkbox"/>	<input type="checkbox"/>
2.6	Performance under short-circuit conditions	<input type="checkbox"/>	<input type="checkbox"/>
2.7	Verification of ability to withstand overload currents	<input type="checkbox"/>	<input type="checkbox"/>
2.8	Verification of mechanical properties of terminals	<input type="checkbox"/>	<input type="checkbox"/>
2.9	Verification of degrees of protection of enclosed contactors and starters	<input type="checkbox"/>	<input type="checkbox"/>
3. LIST OF COMPONENTS CONTACTORS (TO FILL UP LAMPIRAN A FORM FOR DETAIL)					
No.	Part Name	Manufacturer	Type of Material	Mill Certificate No.	
1	Arc Cover				
2	Housing				
3	Contact element				
4	Core				
5	Spring				
6	Coil				
7	Base				
4. LIST OF COMPONENTS DAMPING RESISTORS (applicable for contactors Type AC-6B)					
No.	Part Name	Manufacturer	Type of Material	Mill Cert. No.	
1.	Resistance wire				
2.	Sleeve				
3.	Insulation				
4.	Lug				
5.	Spring				

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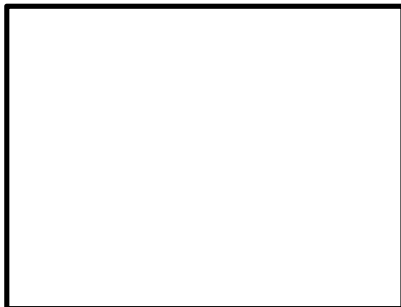
D. OTHERS *(Please Specify)*

1.
2.
3.

E. DECLARATION

Adalah saya dengan ini mengesahkan segala keterangan yang diberikan/dikemukakan bagi produk di atas adalah benar. Jika saya didapati membuat pengakuan **PALSU**, maka tindakan seterusnya boleh diambil oleh pihak JKR ke atas diri saya.

Cop Syarikat :



Tandatangan :

Nama :

Jawatan :

Tarikh :

F. COMMENTS *(For office use)*

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.....

LAMPIRAN A

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Annex G - Detail of Contactors

No	Model	Rated Operational Current (Ie)	Utilization Category	Rated Voltage (Ue)	Thermal Current (Ith)	Rated Impulse Voltage (Uimp)	Rated AC-3		Rated AC-6b		Coil Voltage (Uc)	No. of Auxiliary Contacts	Tightening Torque (Nm)	Weight (kg)
							(kW)	(A)	(kVAR)	(A)				