



**JABATAN KERJA RAYA MALAYSIA  
UNIT PENSIJILAN BAHAN DAN STANDARD  
CAWANGAN KEJURUTERAAN ELEKTRIK**


TECHNICAL INFORMATION

SWITCHES

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	
STANDARD NO.: (MS IEC/IEC/etc.)	
CERTIFICATE OF APPROVAL : (SURUHANJAYA TENAGA)	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 :	



C. COMPLIANCE REQUIREMENTS ( Please tick $\checkmark$ where applicable)				
No.	Descriptions	Yes	No	Remarks
1.	Switches shall comply with the MS IEC 60669-1/IEC 60669-1.	<input type="checkbox"/>	<input type="checkbox"/>	_____
2.	Brand name shall be embossed/printed on the front part of the face plate.	<input type="checkbox"/>	<input type="checkbox"/>	_____
3.	Model number shall be embossed/printed on the back part of the face plate.	<input type="checkbox"/>	<input type="checkbox"/>	_____
4.	Marking information on product shall be clearly legible and durable.	<input type="checkbox"/>	<input type="checkbox"/>	_____
5.	Current rating for light switch shall be minimum 10AX.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.	Product must be free of obvious defects. (Sharp edges, poor construction, burr)	<input type="checkbox"/>	<input type="checkbox"/>	_____
7.	Maximum allowable number of switches for 85mm x 85mm switch plate is four (4), large/big rocker switch plate is three (3).	<input type="checkbox"/>	<input type="checkbox"/>	_____
8.	Wiring for indicator light / neon is permanently terminated. (for switches with built-in indicator light/neon)	<input type="checkbox"/>	<input type="checkbox"/>	_____
9.	Terminal screws shall be made of brass.	<input type="checkbox"/>	<input type="checkbox"/>	_____
10.	Earth terminal shall be indicated by the symbol 'E' or  .	<input type="checkbox"/>	<input type="checkbox"/>	_____

**C. STANDARDS AND SPECIFICATIONS (cont...)**

11. Component lists.

<b>Components</b>	<b>Technical Data</b>	<b>Manufacturer</b>	<b>Mill Certificate Number</b>
Cover / Face plate			
Base			
Terminal screw			
Switch cover			
Switch actuator			
Live link contact			
Contact point			
Moving contact			
Spring			
Self-tapping screw			
Indicator light			
Neon Indicator cover			
Neon bulb			
Metal cover & base			
Middle cover			

**D. TYPE TEST CHECKLIST**

**Test Report No** : \_\_\_\_\_

**Accredited Laboratory** : \_\_\_\_\_

Clause	Title / Descriptions	Result	Page No
6	Ratings	.....	
7	Classification	.....	
8	Markings	.....	
9	Checking of Dimensions	.....	
10	Protection Against Electric Shock	.....	
11	Provision for Earthing	.....	
12	Terminals	.....	
13	Constructional Requirements	.....	
14	Mechanism	.....	
15	Resistance to Ageing, Protection Provided by Enclosures of Switches and Resistance to Humidity	.....	
16	Insulation Resistance and Electric Strength	.....	
17	Temperature Rise	.....	
18	Marking and Breaking Capacity	.....	
19	Normal Operation	.....	
20	Mechanical Strength	.....	
21	Resistance to Heat	.....	
22	Screws, Current Carrying Parts and Connections	.....	
23	Creepage Distances, Clearances and Distances through Sealing Compound	.....	
24	Resistance of Insulating Material to Abnormal Heat, to Fire and to Tracking	.....	
25	Resistance to Rusting	.....	

**E. OTHERS (Please Specify)**

1. ....
2. ....
3. ....

**F. PENGESAHAN**

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 dan syarikat diwakili oleh saya.

Cop Syarikat :



Tandatangan :

Nama :

Jawatan :

Tarikh :

**G. ULASAN** (*Untuk Kegunaan Pejabat*)

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