

SYMBOL	TYPE	SYMBOL	TYPE	SYMBOL	TYPE	SYMBOL	TYPE	SYMBOL	TYPE
	<b>JUNCTION</b> Connection point		<b>TERMINAL</b>		<b>MANUALLY OPERATED SWITCH</b>		<b>SOCKET</b> Contact female (of a socket, plug or coupler other than 3-pin 240V)		<b>PUSH-BUTTON</b>
	<b>SWITCH</b> Load break switch, makes and breaks current AS60947.3 (min. UC is AC22)		<b>CIRCUIT BREAKER</b> (min. UC is AC22)		<b>POSITION SWITCH</b> Make contact (eg. cabinet door light switch)		<b>PUSH-BUTTON</b> Switch make contact and automatic return		<b>BATTERY</b> Add voltage if required
	<b>DISCONNECTOR</b> Off load disconnecter, when open provides isolation function AS60947.3		<b>RCCB (Residual Current Circuit Breaker)</b> RCD without integral overcurrent protection (min. UC is AC22)		<b>TEMPERATURE SENSITIVE SWITCH</b> Make contact (eg. cooling fan)		<b>LAMP</b> Internal lighting (eg. cabinet)		<b>THERMISTOR</b>
	<b>SWITCH DISCONNECTOR</b> Load break switch, when open provides isolation function AS60947.3 (min. UC is AC22)		<b>RCBO (Residual current operated Circuit Breaker with Over current protection)</b> RCD with integral overcurrent protection (min. UC is AC22)		<b>SCREW TERMINAL STRIP</b> (eg. neutral and earth bars)		<b>LINEAR FLUORO/LED</b> Internal lighting (eg. cabinet)		<b>PHOTOCELL (SENSOR)</b>
	<b>FUSE SWITCH</b> Load break switch with fuse in moving contact AS60947.3 (min. UC is AC22)		<b>CONTACTOR</b> And coil (min. UC is AC22)		<b>FAN</b>		<b>SPEAKER</b>		<b>PHOTOVOLTAIC (SENSOR)</b>
	<b>FUSE DISCONNECTOR</b> Off load disconnecter with fuse in moving contact, when open provides isolation function AS60947.3		<b>2 POLE FUNCTION</b>		<b>T-CONNECTON</b>		<b>RECTIFIER</b> AC to DC, add voltages if required		<b>3-PIN SOCKET OUTLET</b>
	<b>FUSE SWITCH DISCONNECTOR</b> Load break switch with fuse in moving contact, when open provides isolation function AS60947.3 (min. UC is AC22)		<b>3 POLE FUNCTION</b>		<b>EARTH</b>		<b>INVERTER</b> DC to AC, add voltages if required		<b>3-PIN SOCKET INLET (PLUG)</b>
	<b>FUSE</b>		<b>4 POLE FUNCTION</b>		<b>SPD (SURGE PROTECTION DEVICE)</b> Typically a surge diverter		<b>DC-DC CONVERTER</b> Add voltages if required		<b>GENERATOR</b>
	<b>CHANGEOVER SWITCH</b> With OFF position in the middle eg. generator/mains (min. UC is AC22)		<b>CHANGEOVER SWITCH</b> Break before make eg. day/night switch (min. UC is AC22)		<b>SPD (SURGE PROTECTION DEVICE)</b> Typically a surge filter		<b>CONDUIT</b> Refer SD1636 and schedules		<b>EXISTING EQUIPMENT</b> Existing equipment
	<b>METAL ENCASED SWITCHBOARD</b> eg. post top mounted, type on schedule		<b>INSULATED SWITCHBOARD</b> eg. plastic pillar		<b>PIT - CIRCULAR</b>		<b>EQUIPMENT TO BE REMOVED</b> Equipment to be removed		
	<b>PLUG</b> Contact male (of a socket or plug other than 3-pin 240V)		<b>COUPLER - PLUG AND SOCKET</b> (other than 3-pin 240V)		<b>KILOWATT HOUR METER</b>				

**NOTES:**

- For other relevant symbols refer standard drawing 1636.
- Where a horizontal orientation is used to represent switches and disconnectors, rotate the symbols herein anti-clockwise.
- Amperage ratings for electrical protective devices are omitted here for clarity, this information is shown on project drawings and standard drawing 1699.

**ASSOCIATED DEPARTMENTAL DOCUMENTS:**

Standard Drawings  
Specifications

**REFERENCED DOCUMENTS:**

Departmental Standard Drawings:  
1436 Traffic Signals – Traffic Signals – Symbols  
1636 Road Lighting – Road Lighting – Symbols  
1736 ITS – ITS – Symbols

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TRAFFIC SIGNALS/ROAD LIGHTING/ITS				Standard Drawing No <b>1836</b> Date 7/2024	
ELECTRICAL – SYMBOLS		A3	Not to Scale	A	