

ELECTRICAL SYSTEM SYMBOLS

SYMBOLS	DESCRIPTIONS	SYMBOLS	DESCRIPTIONS	SYMBOLS	DESCRIPTIONS	SYMBOLS	DESCRIPTIONS
	HIGH VOLTAGE LOAD BREAK SWITCH		SELECTOR SWITCH		SINGLE POLE SWITCH 15A, 250 V, INSTALLATION 1.20 M. HEIGHT AFF.		SATELLITE DISH
	HIGH VOLTAGE CIRCUIT BREAKER FIXED TYPE		NO VOLTAGE RELEASE TRIP COIL		THREE-WAY SWITCH 15A, 250 V, INSTALLATION 1.20 M. HEIGHT AFF.		X - WAY SPLITTER
	HIGH VOLTAGE CIRCUIT BREAKER DRAWN OUT TYPE		UNDER VOLTAGE RELEASE TRIP COIL WITH DELAY TIME (ADJUSTABLE)		DIMMER SWITCH 15A, 250 V, INSTALLATION 1.20 M. HEIGHT AFF.		X - WAY TAP-OFF
	EARTHING SWITCH		SHUNT TRIP COIL		SIMPLEX RECEPTACLE WITH GROUND ( UNIVERSAL TYPE.) 15A,250 V, INSTALLATION 0.30 M. HEIGHT AFF.		CHANNEL AMPLIFIERS MULTIBAND AMP.
	HIGH VOLTAGE FUSE		CLOSING COIL		SIMPLEX RECEPTACLE WITH GROUND ( UNIVERSAL TYPE.) 15A,250 V, INSTALLATION 1.10 M. HEIGHT AFF. FOR X-RAY FILM		TERMINAL RESISTOR
	DISTRIBUTION TRANSFORMER NO. X		PILOT LAMP		DUPLEX RECEPTACLE WITH GROUND ( UNIVERSAL TYPE.) 15A,250 V, INSTALLATION 0.30 M. HEIGHT AFF.		TV OUTLET, INSTALLATION 0.30 M. HEIGHT AFF.
	GENERATOR SET		CAPACITOR BANK		DUPLEX RECEPTACLE WITH GROUND ( UNIVERSAL TYPE.) 15A,250 V, INSTALLATION 1.10 M. HEIGHT AFF.(EXP)		DIGITAL TV ANTENNA
	LIGHTNING ARRESTER OR SURGE ARRESTER		NORMALLY OPENED CONTACT		DUPLEX RECEPTACLE WITH GROUND ( UNIVERSAL TYPE.) 15A,250 V, INSTALLATION 0.30 M. HEIGHT AFF.		
	POTENTIAL TRANSFORMER		NORMALLY CLOSED CONTACT				
	CURRENT TRANSFORMER						
	LOW VOLTAGE CIRCUIT BREAKER FIXED TYPE						
	LOW VOLTAGE CIRCUIT BREAKER DRAWN OUT TYPE						
	MOTOR OPERATION (FOR SWITCHGEAR)		POWER AMPLIFIER				
	KEY INTERLOCK		MIXING AMPLIFIER				
	POWER FACTOR METER		PRE-AMPLIFIER				
	KILOVAR-METER		HAND HELD MICROPHONE WITH STAND				
	KILOVAR CONTROLLER FOR POWER FACTOR IMPROVEMENT		LOUD SPEAKER CEILING TYPE				
	DIGITAL METER		LOUD SPEAKER CABINET TYPE				
	KILO-WATT METER		SPEAKER OUTLET				
	KILO-WATT HOUR METER		AUDIO INLET				
	UNDER-VOLTAGE RELAY		SOUND VOLUME				
	DIRECTIONAL POWER RELAY		SOUND LINE RUN IN EMT CONDUIT				
	UNDER-CURRENT OR UNDER-POWER RELAY		SOUND LINE RUN IN IMC CONDUIT				
	PHASE SEQUENCE VOLTAGE RELAY						
	THERMAL RELAY		AIR TERMINAL 5/8" x 600 mm. LONG.				
	TRANSFORMER TEMPERATURE RELAY, ALARM CONDITION		EXOTHERMIC CONNECTION				
	TRANSFORMER TEMPERATURE RELAY, TRIPPING CONDITION		CONDUCTOR RUN FROM ONE LEVEL TO OTHER LEVEL				
	OVER-CURRENT AND INSTANTANEOUS TRIP RELAY		COPPER CLAD STEEL GROUND ROD 5/8" x 3000 mm. LONG				
	OVER-CURRENT GROUND FAULT RELAY		GROUNDING CONDUCTOR RUN TO GROUNDING SYSTEM				
	OVER-VOLTAGE RELAY		TEST BOX				
	GROUND PROTECTION RELAY		GROUND BAR				
	OVER/UNDER FREQUENCY RELAY		CONDUCTOR UP FEED				
	VOLTAGE REGULATOR		CONDUCTOR DOWN FEED				
	HIGH TENSION TERMINATOR						
	MAIN DISTRIBUTION BOARD FOR NORMAL LOAD OR ESSENTIAL LOAD						
	DISTRIBUTION BOARD FOR NORMAL LOAD OR ESSENTIAL LOAD LOCATED AT X & FLOOR, NUMBER Y		VGA DISTRIBUTION AMPLIFIER				
	LOAD CENTER PANELBOARD, FOR NORMAL LOAD OR ESSENTIAL LOAD LOCATED AT X & FLOOR, NUMBER Y		LCD PROJECTOR				
	SAFETY SWITCH WITH FUSE		ELECTRIC SCREEN				
	MECHANICAL DISTRIBUTION BOARD (SUPPLIED BY OTHERS)		MANUAL SCREEN				
	ISOLATE CIRCUIT BREAKER WITH ENCLOSURE WEATHER PROOF		REMOTE				
	JUNCTION BOX OR PULL BOX		VGA INLET				
	JUNCTION BOX MOUNTED ABOVE CEILING LEVEL		VIDEO INLET				
	OPERATING COIL FOR RELAY OR CONTACTOR		DVD-USB-MP3 PLAYER				
	OVERLOAD RELAY		CONFERENCE CONTROL AND POWER SUPPLY UNIT				
	OVERLOAD RELAY		CONFERENCE CHAIRMAN UNIT				
	OVERLOAD RELAY		CONFERENCE DELEGATE UNIT				

PUBLIC ADDRESS AND SOUND SYSTEMS

TELEPHONE & LAN SYSTEM SYMBOLS

MATV. SYSTEM SYMBOLS

LIGHTNING PROTECTION AND GROUNDING SYSTEM

FIRE ALARM SYSTEM SYMBOLS

GENERAL ABBREVIATION

AUDIO AND VISUAL SYSTEM

CCTV SYMBOLS

PROJECT	LOCATION: <b>الرياض</b> OWNER: <b>مركز الملك عبدالعزيز للبحوث والدراسات</b> ARCHITECTS: <b>مركز الملك عبدالعزيز للبحوث والدراسات</b> ENGINEER: <b>مركز الملك عبدالعزيز للبحوث والدراسات</b>
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