


















































































































































































































FIRE DETECTION			LUMINAIRES & SWITCHES			Ancillary Equipment			POWER			LIGHTNING AND LIGHTNING PROTECTION	
SYMBOL	DESCRIPTION	STANDARD MOUNTING HEIGHT (MFT)	SYMBOL	DESCRIPTION	STANDARD MOUNTING HEIGHT (MFT)	SYMBOL	DESCRIPTION	STANDARD MOUNTING HEIGHT (MFT)	SYMBOL	DESCRIPTION	STANDARD MOUNTING HEIGHT (MFT)	SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL	TBC		1 WAY LIGHT SWITCH (No = Number of gangs)	900 - 1200		TELEVISION POINT	BY ARCHITECT		SINGLE 13A SWITCHED SOCKET	BY ARCHITECT		LIGHTNING PROTECTION
	SMOKE DETECTOR	CEILING		RETRACTIVE LIGHT SWITCH (NO = NUMBER OF GANGS)	900 - 1200		DOOR BELL	BY ARCHITECT		LOCKABLE SINGLE 13 A SWITCHED SOCKET	BY ARCHITECT		LIGHTNING PROTECTION
	SMOKE DETECTOR WITH SOUNDER BASE	CEILING		2 WAY LIGHT SWITCH	900 - 1200		CEILING MOUNTED EXTRACT FAN	BY ARCHITECT		DOUBLE 13A SWITCHED SOCKET	BY ARCHITECT		LIGHTNING PROTECTION
	OPTICAL / HEAT DETECTOR	CEILING		INTERMEDIATE LIGHT SWITCH	900 - 1200		DOOR BELL PUSH	BY ARCHITECT		SINGLE 13A UNSWITCHED SOCKET	BY ARCHITECT		LIGHTNING PROTECTION
	HEAT DETECTOR	CEILING		3 POSITION OVERRIDE SWITCH (ON - OFF - AUTO)	900 - 1200		DISABLED ALARM CONTROL PANEL	BY ARCHITECT		DOUBLE 13A UNSWITCHED SOCKET	BY ARCHITECT		LIGHTNING PROTECTION
	SMOKE DETECTOR WITH SOUNDER BASE	CEILING		6A CEILING MOUNTED PULL SWITCH	CEILING		DISABLED ALARM RESET	BY ARCHITECT		DOUBLE 13A DUAL EARTH SWITCHED SOCKET (60 ICT USE)	BY ARCHITECT		LIGHTNING PROTECTION
	HEAT DETECTOR WITH SOUNDER BASE	CEILING		DP KEYSWITCH / EMERGENCY TEST KEYSWITCH	900 - 1200		EMERGENCY STOP PUSHBUTTON	BY ARCHITECT		WEATHER PROOF SINGLE 13A SWITCHED SOCKET OUTLET	BY ARCHITECT		LIGHTNING PROTECTION
	SMOKE DETECTOR WITH SOUNDER BASE & BEACON	CEILING		DIMMER SWITCH	900 - 1200		REFUGE ALARM OUTSTATION	BY ARCHITECT		SINGLE 110V SOCKET OUTLET	BY ARCHITECT		LIGHTNING PROTECTION
	HEAT DETECTOR WITH SOUNDER BASE & BEACON	CEILING		LIGHTING CONTROL MODULE	CEILING 1000		MULTIWAY REFUGE ALARM INDICATOR UNIT	BY ARCHITECT		13A SWITCHED PUSED CONNECTION UNIT	BY ARCHITECT		LIGHTNING PROTECTION
	SOUNDER BASE & BEACON	CEILING		PHOTOELECTRIC CELL	BY ARCHITECT		MAINS POWERED CLOCK POINT	BY ARCHITECT		13A UNSWITCHED PUSED CONNECTION UNIT	BY ARCHITECT		LIGHTNING PROTECTION
	SOUNDER BASE	CEILING		CEILING MOUNTED PRESENCE DETECTOR	CEILING		TIME SWITCH	BY ARCHITECT		20A DOUBLE POLE SWITCH	BY ARCHITECT		LIGHTNING PROTECTION
	MULTITRESOR 7 DETECTOR WITH SOUNDER BASE & BEACON	CEILING		CEILING MOUNTED PRESENCE DETECTOR WITH DAYLIGHT DIMMING	CEILING		THERMOSTAT	BY ARCHITECT		KEY SWITCHED PUSED CONNECTION UNIT (REFER FIRE ALARM USE)	BY ARCHITECT		LIGHTNING PROTECTION
	BREAKGLASS CALL POINT	1400mm		WALL MOUNTED SHORT RANGE MOVEMENT DETECTOR (P= PRESENCE A= ABSENCE)	TBC		INTRUDER ALARM PANEL	BY ARCHITECT		SINGLE 13A FLOOR SOCKET OUTLET	FLOOR		LIGHTNING PROTECTION
	ELECTRONIC SOUNDER WITH BEACON	TBC		WALL MOUNTED SHORT RANGE MOVEMENT DETECTOR (P= PRESENCE A= ABSENCE)	TBC		INTRUDER ALARM PANEL	BY ARCHITECT		DOUBLE 13A FLOOR SOCKET OUTLET	FLOOR		LIGHTNING PROTECTION
	ELECTRONIC SOUNDER	TBC		TRIPLE POLE FAN ISOLATOR	BY ARCHITECT		REMOTE KEYPAD	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	INTER-VAC UNIT	TBC		CEILING MOUNTED POINT SOURCE LUMINAIRE	CEILING		DOOR CONTACT	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	CV = MOUNTED WITHIN CEILING VOID	TBC		EMERGENCY EXIT LUMINAIRE	BY ARCHITECT		DUAL TECH SENSOR	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	BEAM DETECTOR TRANSMITTER	TBC		DIRECTIONAL EMERGENCY EXIT LUMINAIRE	BY ARCHITECT		INTERNAL SOUNDER	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	BEAM DETECTOR RECEIVER	TBC		PANIC ALARM	BY ARCHITECT		CEILING FIXED DUAL TECH SENSOR	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	BEACON	TBC		RECESSED 600X600 MODULAR LUMINAIRE	CEILING		EXTERNAL STROBE SOUNDER UNIT	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	DOOR RETAINING MAGNET	TBC		RECESSED LINEAR LUMINAIRE	CEILING		DUMAY EXTERNAL STROBE SOUNDER UNIT	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	POWER SUPPLY UNIT (DOOR RETAINERS)	TBC		1200 x 600 MODULAR LUMINAIRE	CEILING		ROLLER SHUTTER DOOR CONTACT	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	REMOTE INDICATOR	CEILING		WALL MOUNTED LUMINAIRE	BY ARCHITECT		CCTV	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
ACCESS CONTROL				EXTERNAL FLOODLIGHT LUMINAIRE	BY ARCHITECT		CCTV DOME CAMERA	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	PUSH TO RELEASE BUTTON	BY ARCHITECT	COMMUNICATIONS				NETWORK VIDEO RECORDER (NVR)	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	EMERGENCY RELEASE BREAKGLASS	BY ARCHITECT		TELEPHONE POINT	BY ARCHITECT		CCTV MONITOR	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	DOOR ACCESS RELEASE HANDSET	BY ARCHITECT		SINGLE DATA POINT	BY ARCHITECT		CCTV COLUMN	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	ELECTRIC RELEASE POWER SUPPLY	BY ARCHITECT		TWIN DATA POINT	BY ARCHITECT		INTERNAL CCTV DOME CAMERA	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	DOOR ACCESS CONTROL CONTROLLER	BY ARCHITECT		VIDEO HANDSET	BY ARCHITECT		WATER HEATER	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	EXTERNAL INTERCOM WITH CARD PROXIMITY READER ON BOARD	BY ARCHITECT		SHAVR POINT	BY ARCHITECT		HAND DRIER	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	VIDEO HANDSET	BY ARCHITECT		TOWER RAIL	BY ARCHITECT		WATER HEATER	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	PROXIMITY CARD READER	BY ARCHITECT		FAN ISOLATOR	BY ARCHITECT		HAIR DRIER	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION
	MAGLOCK	BY ARCHITECT		ROLLER SHUTTER KEY SWITCH	BY ARCHITECT		ROLLER SHUTTER KEY SWITCH	BY ARCHITECT		ABBREVIATIONS			LIGHTNING PROTECTION

POWER			LIGHTNING AND LIGHTNING PROTECTION		
SYMBOL	DESCRIPTION	STANDARD MOUNTING HEIGHT (MFT)	SYMBOL	DESCRIPTION	
	SINGLE 13A SWITCHED SOCKET	BY ARCHITECT		LIGHTNING CONDUCTOR AIR TERMINATION TYPE (SEE NOTE WITH LSP SHEATH UNLESS STATED OTHERWISE)	
	LOCKABLE SINGLE 13 A SWITCHED SOCKET	BY ARCHITECT		LIGHTNING CONDUCTOR INTERNAL LEGS CONNECTION (25mm COPPER TUBE WITH LSP SHEATH UNLESS STATED OTHERWISE)	
	DOUBLE 13A SWITCHED SOCKET	BY ARCHITECT		STRUCTURAL STEEL COLUMN USED AS LIGHTNING PROTECTION DOWN CONDUCTOR - CONNECTION POINT	
	SINGLE 13A UNSWITCHED SOCKET	BY ARCHITECT		LIGHTNING PROTECTION BOND FROM AIR TERMINATION NETWORK TIE TO STRUCTURAL COLUMN/SHEAR WALL DEDICATED REINFORCING BAR	
	DOUBLE 13A UNSWITCHED SOCKET	BY ARCHITECT		LIGHTNING PROTECTION BOND BETWEEN STRUCTURAL COLUMN/SHEAR WALL DEDICATED REINFORCING BARS, BETWEEN LEVELS	
	DOUBLE 13A DUAL EARTH SWITCHED SOCKET (60 ICT USE)	BY ARCHITECT		LIGHTNING PROTECTION BOND BETWEEN STRUCTURAL STRUCTURAL SLAB DEDICATED REINFORCING BARS	
	WEATHER PROOF SINGLE 13A SWITCHED SOCKET OUTLET	BY ARCHITECT		LIGHTNING PROTECTION BOND BETWEEN REINFORCING BARS	
	SINGLE 110V SOCKET OUTLET	BY ARCHITECT		LIGHTNING PROTECTION BOND BETWEEN REINFORCING BARS ACROSS THE ADJACENT COLUMN SLAB FLOOR LEVEL	
	13A SWITCHED PUSED CONNECTION UNIT	BY ARCHITECT		LIGHTNING PROTECTION BOND BETWEEN STRUCTURAL SLAB DEDICATED REINFORCING BAR AND EXPOSED NETWORK TIE	
	13A UNSWITCHED PUSED CONNECTION UNIT	BY ARCHITECT		LIGHTNING PROTECTION BOND BETWEEN EXPOSED TIE AND STRUCTURAL FOUNDATION DEDICATED REINFORCING BARS	
	20A DOUBLE POLE SWITCH	BY ARCHITECT		LIGHTNING PROTECTION BOND BETWEEN DEDICATED REINFORCING BARS IN COLUMN/SHEAR WALL & EARTH PLATE FOR EARTH CABLE CONNECTION	
	KEY SWITCHED PUSED CONNECTION UNIT (FOR FIRE ALARM USE)	BY ARCHITECT		LIGHTNING PROTECTION BOND BETWEEN DEDICATED REINFORCING BARS IN COLUMN/SHEAR WALL & COPPER DOWN CONDUCTOR TYPE	
	SINGLE 13A FLOOR SOCKET OUTLET	FLOOR		EARTH ELECTRODE PIT	
	DOUBLE 13A FLOOR SOCKET OUTLET	FLOOR		EARTH CONNECTION PIT	
ABBREVIATIONS				LIGHTNING PROTECTION TEST JOINT	
CM - CEILING MOUNTED CY - INSTALLED WITH CEILING VOID HL - HIGH LEVEL (REFER TO MOUNTING HEIGHT) CL - LOW LEVEL (REFER TO MOUNTING HEIGHT) C - CLEANSING SOCKET IPBS - IPBS RATED SOCKET HD - HAND DRIVER TOOL HDS - HAND DRIVER SOCKET MS - ROLLER SHUTTER * - ABOVE WORKTOP USB - SOURCE MICROPROCESSING USB OUTLET HBU - MECH SERVICES HEAT RECOVERY UNIT EF - MECH SERVICES EXTRACT FAN				EARTH	
	ISOLATOR	BY ARCHITECT		EARTH BAR	
	SPN ISOLATOR (RATING AS NOTED)	BY ARCHITECT	POINT OF EQUIPOTENTIAL BONDING. BOX INDICATES TYPES AS SHOWN.		
	TN ISOLATOR (RATING AS NOTED)	BY ARCHITECT			
	CONTRACTOR	TBC			
	COOKER CONTROL SWITCH	BY ARCHITECT			
	COOKER OUTLET	BY ARCHITECT			
	MAINS DISTRIBUTION BOARD	780 - 1200			
	METER	TBC			
	HAND DRIER	BY ARCHITECT			
	WATER HEATER	BY ARCHITECT			
	SHAVER POINT	BY ARCHITECT			
	TOWER PULL	BY ARCHITECT			
	FAN ISOLATOR	BY ARCHITECT			
	HAIR DRIER	BY ARCHITECT			
	ROLLER SHUTTER KEY SWITCH	BY ARCHITECT			

TYPE OF BOND

A - ALL SERVICES
C - CEILING
D - DUCTWORK
M - MECHANICAL
S - SUPPLEMENTARY

NUMBER OF CONNECTIONS

C - CROSSBOND
L - FROM LOCAL C/P
M - MULTIPLE WHEN CROSSBONDING
S - SUPPLEMENTARY

BONDING

CONDUCTOR SIZE (mm)²

Diagram showing a box with a lightning bolt symbol and a cross symbol, connected to a line.