



## INDUSTRIAL METAL CLAD PLUG, SOCKET AND INTERLOCKED SWITCH SOCKET UNIT





Manufactured by:

Electrical Power Innovation Company

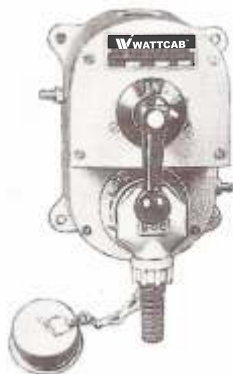
Chennai-600 080.

**WATT CAB™ METAL CLAD PLUGS AND SOCKETS WITH  
SCRAPING EARTH CONNECTION. 10-30 AMPERES TO BS:196/IS:1293**

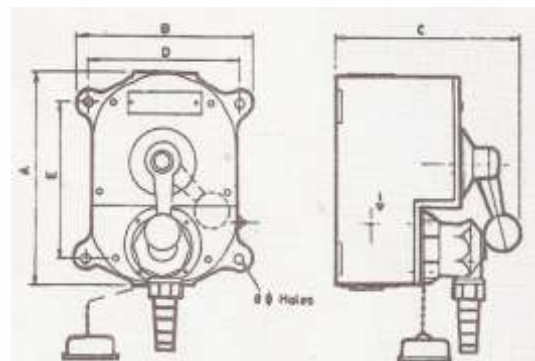
	POLES	HZ	AMPS	VOLTS	CAT REF
	2P+E	50	10	240	2P10
			20	240	2P20
	3P+E	50	20	440	3P20
			30	440	3P30
	POLES	HZ	AMPS	VOLTS	CAT REF
	2P+SCRAPING EARTH	50	10	240	2S10
			20	240	2S20
	3P+SCRAPING EARTH	50	20	440	3S20
			30	440	3S30

- ◆ PRESSURE CAST ALUMINIUM ALLOY CASTING
- ◆ FULLY SHROUDED PLUG PINS
- ◆ TAPERING CABLE GUARD FOR PULF
- ◆ PLUG INTERIORS ARE MADE OUT OF HIGH QUALITY ELECTRICAL GRADE BACKLITE
- ◆ SOCKET CONTACTS RECESSED AND SELF-ALIGNING
- ◆ PERMANENTLY RESILIENT SCRAPING EARTH ENSURING PRIOR EARTH CONNECTION, BREAKING AFTER THE MAIN CIRCUIT CONNECTION
- ◆ EPOXY POWER COATED FINISH

**WATT CAB™ SWITCH SOCKETS**



**SWITCH SOCKET AND PLUG**



DIMENSIONS ARE SAME FOR 'SPASH PROOF' UNITS

CAT REF	AMPS	VOLTS	PHASE	A	B	C	D	E	CABLE ENTRY
IL1-10	10	250	1	166	135	142	117	118	20
IL1-20	20	250	1	180	135	142	117	140	20
IL3-20	20	440	3	187	138	165	120	144	25
IL3-30	30	440	3	198	141	196	122	150	25

- ◆ CAST ALUMINIUM/SHEET STEEL ENCLOSURES
- ◆ DOUBLE BREAK CAM OPERATED ON-OFF SWITCH
- ◆ FULLY WIRED
- ◆ ENCLOSURE EPOXY POWDER COATED FINISH

# **WATT CAB™ FULLY INTERLOCKED SWITCH SOCKETS TO IS: 4160**

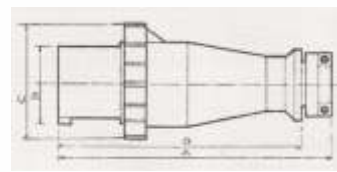


- ◆ CAST ALUMINIUM/SHEET STEEL ENCLOSURES WITH EPOXY POWDER COATED FINISH
- ◆ DOUBLE BREAK CAM OPERATED ON/OFF SWITCH
- ◆ INTERNAL MECHANICAL INTERLOCKING CONFIRMING TO IEC-309
- ◆ PLUG CANNOT BE REMOVED WHILE SWITCH IS IN "ON" POSITION
- ◆ SWITCH CANNOT BE CLOSED WITHOUT PLUG INSERTION
- ◆ FULLY WIRED
- ◆ CONFORMING TO IP65 OF IS 13947 FOR OUTDOOR APPLICATIONS

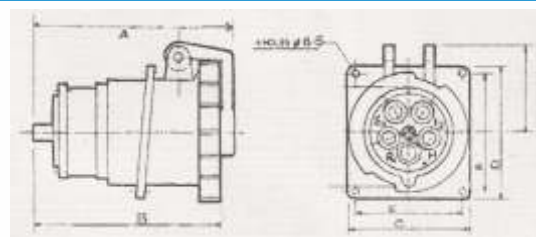
## **'SPASH PROOF' FULLY INTERLOCKED SWITCH SOCKET & PLUG**

CAT REF	AMPS	VOLTS	PHASE	A	B	C	D	E	CABLE ENTRY	SPLASH PROOF
FIL1-10	10	250	1	205	174	120	152	120	20	ADD 'W' IN CAT REF
FIL1-20	20	250	1	205	174	142	152	120	20	
FIL3-20	20	440	3	210	174	168	152	124	25	
FIL3-30	30	440	3	210	174	205	152	124	25	

## **IEC RANGE OF METAL CLAD PLUGS & SOCKETS TO BS: 4343/IEC-309. 16-125 AMPERES**



POLES	HZ	AMPS	VOLTS	CAT REF	A	B	C	D
5P (3P+N+E)	50	125	440	EPC-125	325	87	134	295
		63	440	EPC-63	240	78	110	210



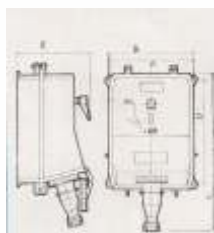
POLES	HZ	AMPS	VOLTS	CAT REF	A	B	C	D	E	F
5P (3P+N+E)	50	125	440	BCS-125	190	168	110	139	93	120
		63	440	BCS-63	143	130	119	112	86	86

- ◆ ALUMINUM ALLOY CASTING
- ◆ SPACE FOR EASE OF WIRING AND SAFE TERMINATION
- ◆ CONFORMING TO BS : 4343, IEC : 309 AND CEE : 17
- ◆ INSULATED INTERIORS MADE FROM GLASS FILLED NEYLON
- ◆ CURRENT CONDUCTING PLUG PINS AND SLOTTED SOCKET TUBES WITH COLLAR SPRING ARE CONSTRUCTED IN SPECIAL BRASS TO RETAIN DIMENSIONAL STABILITY DURING REPETITIVE OPERATIONS
- ◆ SPRING LOADED CAM TYPE COVER FOR SOCKET
- ◆ PLUGS PROVIDED WITH COMPRESSION TYPE CABLE GRIP

**WATT CAB™ HEAVY DUTY FULLY INTERLOCKED  
SWITCH SOCKETS TO BS: 4343 AND IEC-309**



**WATER-TIGHT FULLY INTERLOCKED  
FUSE SWITCH SOCKET AND PLUG**



CAT REF	RATING	VOLTS	A	B	C	D	E
F1-125	125 - 3P + N + E	440	383	413	440	410	295
F1-125	125 - 3P + N + E	440	315	340	425	391	245

- ◆ ALUMINIUM ALLOY/SHEET STEEL ENCLOSURE IN EPOXY POWDER COATED FINISH
- ◆ ALL WEATHER APPLICATION, CONFORMING TO IP 65 OF IEC 13947
- ◆ DOUBLE BREAK FUSE SWITCH (AC23 DUTY) INTERLOCKED WITH SOCKET
- ◆ BEING FULLY INTERLOCKED, CANNOT BE SWITCHED "ON" UNTIL PLUG IS INSERTED
- ◆ PLUG CANNOT BE WITHDRAWN ON LOAD INTERLOCKING AS PER IEC 309
- ◆ COVER CAN BE OPENED ONLY WHEN THE SWITCH IS 'OFF' AND PLUG WITHDRAWN
- ◆ GLASS FILLED NYLON MOULDED TERMINAL BLOCKS FOR INCOMING AND LOOPING TERMINATION WITH ACRYLIC SHROUD
- ◆ TWO GLAND PLATES AT BOTTOM TO RECEIVE INCOMING AND LOOPING CABLE

**APPLICATION :**

- ◆ WELDING SETS
- ◆ MACHINE TOOLS
- ◆ MOBILE GENERATORS
- ◆ ELECTRIC OVERHEAD CRANES
- ◆ FURNACES & OVENS
- ◆ AIR CONDITIONERS
- ◆ PORTABEL LIGHTING EQUIPMENTS
- ◆ CONVERAYERS ETC.

Marketed by :

***WATTERA INDUSTRIES***

Quality has to be caused, not controlled

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