




































INDUSTRIAL PLUGS AND SOCKETS

Eureka Series



SYNOPTIC TABLE OF STANDARD INDUSTRIAL PLUGS AND SOCKETS TO IEC 60309-2

Rated operating voltage > 50 V (LV)

Number of contact	Poles	Frequency Hz	Rated operating voltage V	Clock face pos. (h) Earth contact (1)		Colour code
				16/20A 32/30A	63/60A 125/100A	
3 Contact 2P3W	1P+N+E II Series	50 and 60	100÷130	4	4	
		60	277	5	5	
	2P+E I and II Series	50 and 60	100÷130	4	4	
			200÷250	6	6	
			380÷415	9	9	
			480÷500	7	7	
			suppl. by isol. transf.	12	12	- (5)
		100÷300	> 50	10	10	 (4)
		>300÷500	> 50	2	2	 (4)
		d.c.	>50÷250	3	3	- (5)
> 250	8		8	- (5)		
4 Contact 3P4W	2P+N+E II Series	50 and 60	125/250	12	12	 
		50 and 60	100÷130	4	4	
	200÷250		9	9		
	380÷415		6	6		
	60	440÷460 (4)	11	11		
	3P+E I and II Series	50 and 60	480÷500	7	7	
			600÷690	5	5	
		50	380	3	3	
		60	440 (3)	3	3	
		50 and 60	1000	8	8	
100÷300	> 50	10	-	 (4)		
>300÷500	> 50	2	-	 (4)		
5 Contact 4P5W	3P+N+E I and II Series	50 and 60	57/100÷75/130	4	4	
			120/208÷144/250	9	9	
			200/346÷240/415	6	6	
			277/480÷288/500	7	7	
			347/600÷400/690	5	5	
		60	250/440÷265/460 (4)	11	11	
		50	220/380	3	3	
		60	250/440 (3)	3	3	
		50 and 60	1000	8	8	
		50 and 60	suppl. by isol. transf.	12	12	
100÷300	> 50	10	10	 (4)		
>300÷500	> 50	2	2	 (4)		
ALL TYPES	All types of voltage and/or frequency not within these standardised configurations		1	1	-	

- (1) The positions shown by a dash (-) are not standardised
- (2) For ISO standard refrigerated containers
- (3) Mainly for shipboard installations
- (4) Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.
- (5) Plugs and sockets for which the IEC 60309-2 standard sets only the clock face position (h) of the earth contact and not the colour, are supplied by SCAME in RAL 7035 grey

SERIES I AND SERIES II

Series I and Series II have more or less the same dimensions, but are classified according to different rated currents. For Series I, currents are 16A, 32A, 63A, and 125A and for Series II, rated currents are 20A, 30A, 60A and 100A.

Series I products are used in all European countries and some countries in South America, Asia, Australia and Africa. On the contrary, Series II products are mainly marketed in North America (USA, Mexico and Canada) and some countries in South America.

NOTE

- SCAME plugs and sockets for specific uses other than 4 - 6 - 9 h are available only on demand and are therefore not kept in stock. Minimum order quantities: 50 pieces.

FLUSH MOUNTING APPLIANCE INLETS IP67



IP44

90° ANGLED



16A

32A

70x87

70x87

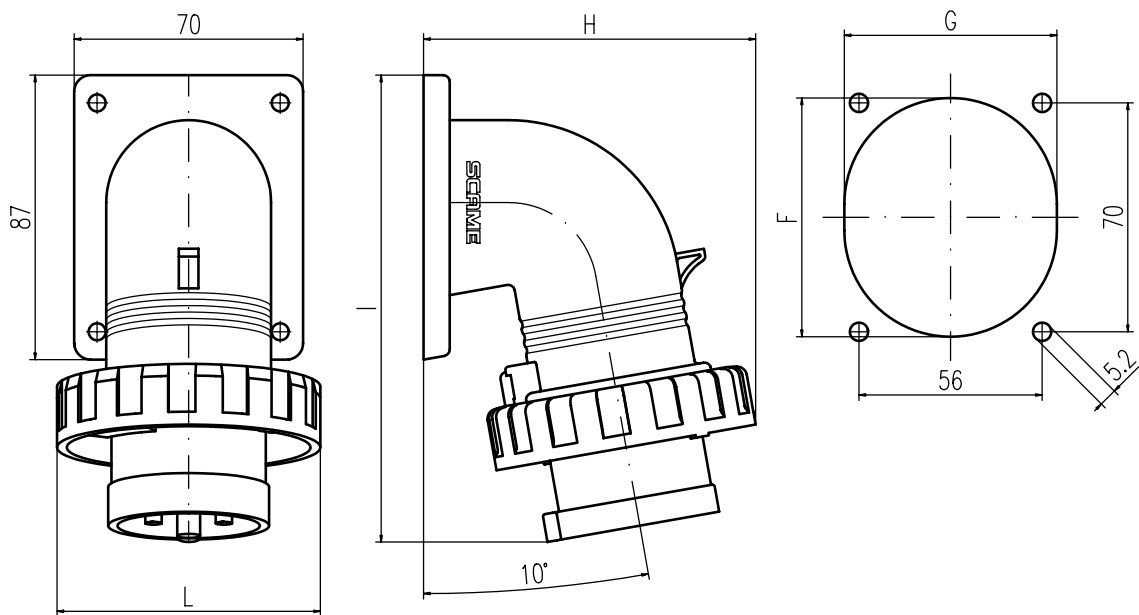
Poles	Hz.	Volt	Colour	
2P+E	50/60	100-130	Yellow	
	50/60	200-250	Blue	
	50/60	380-415	Red	
	50/60	480-500	Black	
	50/60	trasf.	Grey	12
	>300-500	>50	Green	
	c.c.	>50-250	Grey	
	c.c.	>250	Grey	
3P+E	50/60	100-130	Yellow	
	50/60	200-250	Blue	
	50/60	380-415	Red	
	60	440-460	Red	11
	50/60	480-500	Black	
	50/60	600-690	Black	
	50 60	380 440	Red	
	100-300	>50	Green	10
>300-500	>50	Green		
3P+N+E	50/60	100-130	Yellow	
	50/60	208-250	Blue	
	50/60	346-415	Red	
	50/60	480-500	Black	
	50/60	600-690	Black	
	60	440-460	Red	11
	50 60	380 440	Red	
	>300-500	>50	Green	

16A	32A
247.1690	247.3290
247.1693	247.3293
247.1698	247.3298
247.16936	247.32936
247.16933	247.32933
247.16932	247.32932
247.16934	247.32934
247.16938	247.32938
247.1691	247.3291
247.1694	247.3294
247.1696	247.3296
247.16965	247.32965
247.16966	247.32966
247.16967	247.32967
247.16964	247.32964
247.16961	247.32961
247.16962	247.32962
247.1692	247.3292
247.1695	247.3295
247.1697	247.3297
247.16976	247.32976
247.16977	247.32977
247.16975	247.32975
247.16974	247.32974
247.16972	247.32972

= Screw terminals

= Mantle terminals

APPLIANCE INLETS - 90° ANGLED
IP66\67



		F	G	H	I	L
16A	2P+E	73	65	93	142	73
	3P+E	73	65	102	143	81
	3P+N+E	73	65	109	144	88
32A	2P+E	87	76	111	153	93
	3P+E	87	76	111	153	93
	3P+N+E	87	76	120	154	101

(Dimensions in mm)

