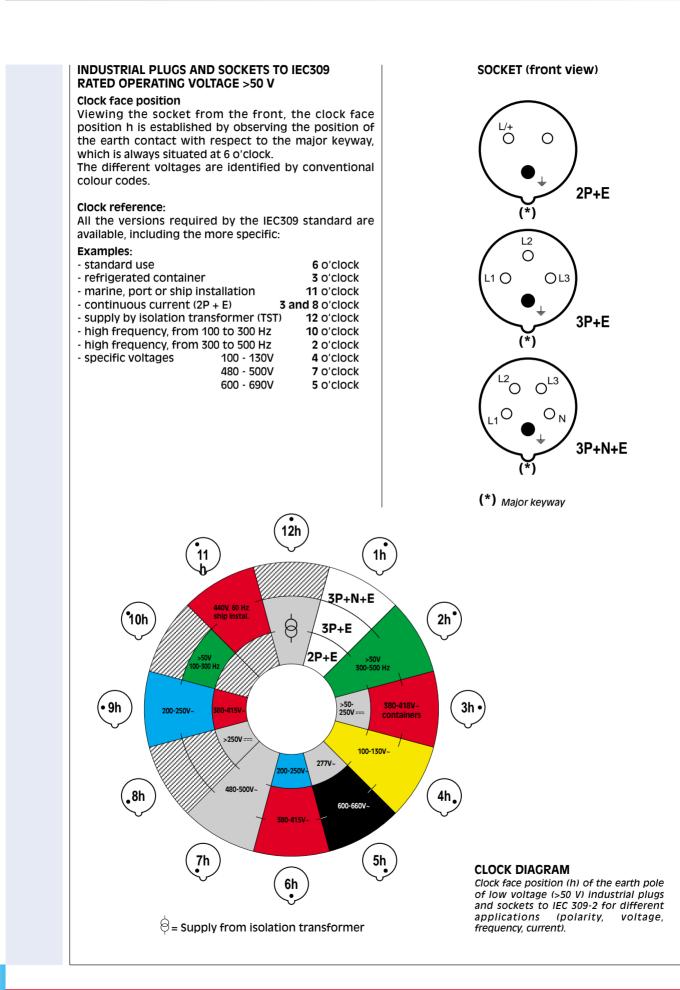
Industrial plugs and sockets



1



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

Rated operating voltage > 50 V (LV)

Poles	Frequency Hz	Rated operating voltage V~	Earth contact (1) Clock face pos. (h)		Colour	
			16A 32A	63A 125A	code	
2P+E	50 and 60	100-130	4	4		
		200-250	6	6		
	60	277	5	5	- (6)	
	50 and 60	380-415	9	9		
		480-500	7	7	- (6)	
		suppl. by isol. transf.	12	12	- (6)	
	100-300	> 50	-	-	(5)	
	>300-500	> 50	2	-	(5)	
	d.c.	>50-250	3	3	- (6)	
		> 250	8	8	- (6)	
3P+E	50 and 60	100-130	4	4		
		200-250	9	9		
		380-415	6	6		
	60	440-460 (4)	11	11		
	50 and 60	480-500	7	7	- (6)	
		600-690	5	5	(2)	
		suppl. by isol. transf.	12	12	- (6)	
	50 60	380 440 (3)	3	-		
	100-300	> 50	10	-	(5)	
	>300-500	> 50	2	-	(5)	
3P+N+E	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	- (6)	
		347/600-400/690	5	5	(2)	
	60	250/440-265/460 (4)	11	11		
	50 60	220/380 250/440 (3)	3	-		
	100-300	> 50	-	-	(5)	
	>300-500	> 50	2	-	(5)	
ALL (PES	All types of voltage and/or frequency not within these standardised 1 1 - configurations					

he positions shown by a dash (-) are tandardised

standardised or ISO standard refrigerated containers nainly for shipboard installations Combinations of green with the ur of the rated operating voltage can sed to identify frequencies between z and 500 Hz inclusive.

lugs and sockets for which the IEC 2 standard sets only the clock face tion (h) of the earth contact and not colour, are supplied by SCAME in RAL grey.

10 PLUG& Sockets





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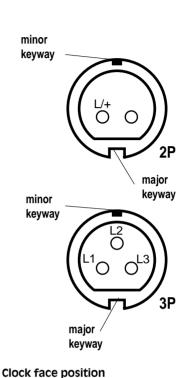
AME plugs and sockets for specific s other than 4 - 6 - 9 h are available y on demand and are therefore not ot in stock. Minimum order ntities: 50 pieces.

Industrial plugs and sockets

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

Rated operating voltage <50V~ (ELV)

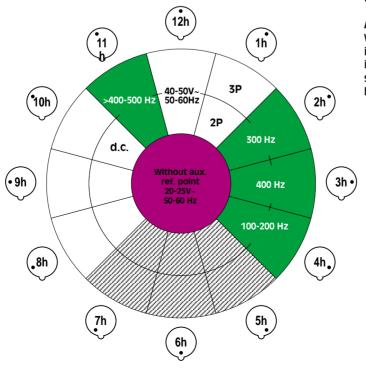
Poles	Frequency Hz	Rated operating voltage V	Minor keyway (1) clock face position (h) 16A and 32A without reference	Colour code
2Р	50 and 60	20-25	without ref.	
	50 and 60	40-50	12	
	100-200		4	(2)
	300	20-25	2	(2)
	400	and	3	(2)
	>400-500	40-50	11	(2)
	d.c.		10	
ЗР	50 and 60	20-25	without ref.	
	50 and 60	40-50	12	
	100-200		4	(2)
	300	20-25	2	(2)
	400	and	3	(2)
	>400-500	40-50	11	(2)



SOCKET (front view)

(1) 1, 8 and 9 h positions are reserved for future standards; 5, 6 and 7 h positions cannot be used for reasons connected with the design.

(2) If necessary, a combination of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz.



Viewing the socket from the front, the clock face position h is established by observing the position of the minor keyway with respect to the major keyway, which is always situated at 6 o'clock.

The different voltages are identified by conventional colour codes.

Appliance inlets

When viewing the pins of an appliance inlet, please note the pin configuration is a mirror-image of a conventional socket. (eg. 4 hour position becomes 8 hour-position).

CLOCK DIAGRAM

Clock face position (h) of the minor keyway of extra-low voltage (<50 V) industrial plugs and sockets to IEC 309-2 for different applications (polarity, voltage, frequency, current).