

SCAME INDIA PRICE LIST

w.e.f. 1st April 2016



Scame: a growing group

IN LESS THAN FIFTY YEARS

WE HAVE BUILT AN

INDUSTRIAL BUSINESS THAT

HAS ALWAYS PRESERVED

THE SPIRIT OF ITS ORIGINS





Scame INDIA established in 2013, is an Indian subsidiary of Scame Parre S.p.A. Italy headquartered in Parre (Bergamo). The group services the needs of Industrial, Commercial, Hospitality and residential sectors.

SCAME INDIA LIST PRICE

Presents the products in family groupings, while the articles within each family are listed by catalogue number. Listing by families, with their associated descriptions, makes for easier consultation of the price list. Articles shown without prices are in the process of development.

Regards
SCAME PARRE S.p.A.

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You will quickly find an assemblies already assembled,
certified and ready to use.

OPTIMA Series

Plugs and sockets for industrial applications

■ PLUGS



	Current rating	No of poles	Hr position	Voltage AC	<input type="checkbox"/>	Cat. No.	INR price
						IP44	
20A	2P+E	6		200-250	50	213.2033-SF	-
	2P+E			200-250	10/50	213.2033	-
	3P+E			380-415	10/50	213.2036	-
	3P+N+E			346-415	10/50	213.2037	-
32A	2P+E	6		200-250	10/40	213.3233	-
	3P+E			380-415	10/40	213.3236	-
	3P+N+E			346-415	10/40	213.3237	-
	2P+E			200-250	6/24	213.6333	-
63A	3P+E	6		380-415	6/24	213.6336	-
	3P+N+E			346-415	6/24	213.6337	-
	2P+E			200-250	10/40	-	218.2033
	3P+E			380-415	10/40	-	218.2036
20A	3P+N+E			346-415	10/40	-	218.2037
	2P+E	6		200-250	10/40	-	218.3233
	3P+E			380-415	10/40	-	218.3236
	3P+N+E			346-415	10/40	-	218.3237
32A	2P+E	6		200-250	6/24	-	218.6333
	3P+E			380-415	10/40	-	218.6336
	3P+N+E			346-415	10/40	-	218.6337
	2P+E			200-250	6/24	-	218.6339
63A	3P+E	6		380-415	6/24	-	218.6340
	3P+N+E			346-415	6/24	-	218.6341
	2P+E			200-250	1/8	-	218.12537
	3P+N+E			346-415	1/8	-	12029.00

Pack/Quantity



■ CONNECTORS



	Current rating	No of poles	Hr position	Voltage AC	<input type="checkbox"/>	Cat. No.	INR price
						IP44	
20A	2P+E	6		200-250	50	313.2043-SF	-
	2P+E			200-250	10/50	313.2043	-
	3P+E			380-415	10/50	313.2046	-
	3P+N+E			346-415	10/50	313.2047	-
32A	2P+E	6		200-250	10/40	313.3243	-
	3P+E			380-415	10/40	313.3246	-
	3P+N+E			346-415	10/40	313.3247	-
	2P+E			200-250	1/8	-	1872.00

Pack/Quantity

■ CONNECTORS



Current rating	No of poles	Hr position	Voltage AC	IP	Cat. No.		INR price
					IP44	IP66/IP67	
20A	2P+E		200-250	10/40	-	318.2043	1757.00
	3P+E	6	380-415	10/40	-	318.2046	1810.00
	3P+N+E		346-415	10/40	-	318.2047	2083.00
32A	2P+E		200-250	10/40	-	318.3243	2457.00
	3P+E	6	380-415	10/40	-	318.3246	2417.00
	3P+N+E		346-415	10/40	-	318.3247	2761.00
63A	2P+E		200-250	6/24	-	318.6343	6522.00
	3P+E	6	380-415	6/24	-	318.6346	6586.00
	3P+N+E		346-415	6/24	-	318.6347	7035.00
125A	2P+E	6	346-415	1/8	-	318.12547	18934.00

Pack/Quantity

■ FLUSH MOUNTING SOCKET OUTLETS



Current rating	No of poles	Hr position	Voltage AC	IP	Cat. No.		INR price
					IP44	IP66/IP67	
20A	2P+E		200-250	10/100	413.2063	-	448.00
	3P+E	6	380-415	10/100	413.2066	-	760.00
	3P+N+E		346-415	10/100	413.2067	-	1036.00
32A	2P+E		200-250	10/50	413.3263	-	676.00
	3P+E	6	380-415	10/50	413.3266	-	1263.00
	3P+N+E		346-415	10/50	413.3267	-	871.00
63A	2P+E		200-250	6/30	413.6363	-	3482.00
	3P+E	6	380-415	6/30	413.6366	-	3592.00
	3P+N+E		346-415	6/30	413.6367	-	3888.00
20A	2P+E		200-250	10/100	-	418.2063	692.00
	3P+E	6	380-415	10/100	-	418.2066	1207.00
	3P+N+E		346-415	10/100	-	418.2067	1539.00
32A	2P+E		200-250	10/50	-	418.3263	1030.00
	3P+E	6	380-415	10/50	-	418.3266	1776.00
	3P+N+E		346-415	10/50	-	418.3267	1714.00
63A	2P+E		200-250	6/30	-	418.6363	3870.00
	3P+E	6	380-415	6/30	-	418.6366	3991.00
	3P+N+E		346-415	6/30	-	418.6367	4172.00
125A	3P+N+E	6	346-415	1/10	-	418.12567	12147.00

Pack/Quantity

OPTIMA Series

Plugs and sockets for industrial applications

SURFACE MOUNTING SOCKET OUTLETS

	Current rating	No of poles	Hr position	Voltage AC	∅	Cat. No.	INR price
						IP44	
	20A	2P+E		200-250	10/40	513.2053	- 828.00
		3P+E	6	380-415	10/40	513.2056	- 1257.00
		3P+N+E		346-415	10/40	513.2057	- 1285.00
	32A	2P+E		200-250	10	513.3253	- 1155.00
		3P+E	6	380-415	10	513.3256	- 1657.00
		3P+N+E		346-415	10	513.3257	- 2020.00
	20A	2P+E		200-250	10/40	- 518.2053T	1961.00
		3P+E	6	380-415	10/40	- 518.2056T	2106.00
		3P+N+E		346-415	10/40	- 518.2057T	2452.00
	32A	2P+E		200-250	10	- 518.3253T	2971.00
		3P+E	6	380-415	10	- 518.3256T	2925.00
		3P+N+E		346-415	10	- 518.3257T	3148.00
	63A	2P+E		200-250	6/12	- 515.6353	6563.00
		3P+E	6	380-415	6/12	- 515.6356	6669.00
		3P+N+E		346-415	6/12	- 515.6357	6960.00
	125A	3P+N+E	6	346-415	1/8	- 515.12557	15379.00

∅ Pack/Quantity

DOMO Series

EMPTY SURFACE MOUNTING BOXES - DOMO SERIES - IP67

	Cable Inlet	Suitable for sockets	Flange dim (mm)	Cable Inlet	∅	Cat. No.	INR price
	Knockout hole	20A	IP44/IP67	70x87	PG16	10	570.0016 (*) 671.00
		32A	IP44/IP67	84x106	PG21	10	570.0032 (*) 895.00
	Threaded	63A	IP67	100x110	PG29	6	570.0163 4536.00

∅ Pack/Quantity

- Supplied with socket fastening screws.
- Screw cap with seal.

(*) Suitable for the sealing caps.

■ ACCESSORIES

	Description	P	Cat. No.	INR price
	Blank plate for panel cutouts 70x87 mm	25	654.0100	840.00

Pack/Quantity

DOMOPLUS Series

Plugs and sockets for industrial applications

■ DOMESTIC STANDARD SOCKETS FOR INDUSTRIAL APPLICATION IP66

	Standard	Description	P	Cat. No.	INR price
	<input type="checkbox"/> Indian Standard	6/16A 2P+E 70x87	1/12	570.6429	4163.00

Pack/Quantity

* Price on request

OMNIAPLUS Series

■ DOMESTIC INTERLOCKED SOCKETS IP56

	Standard		P	Cat. No.	INR price
	<input type="checkbox"/> Indian Standard	6/16A 2P+E	136x125 WITHOUT PROTECTION	409.0429	8465.00
			136x125 Fuse 6.3x32	409.1429	*
			136x125 MCB	409.2429	*
			136x125 RCBO	409.3429	*

Pack/Quantity

* Price on request

OMNIA Series

Switched socket outlets with interlock

■ FLUSH MOUNTING

	Current rating	No of poles	Hr position	Voltage AC	IP	Cat. No.	IP66/IP67 without fuse holder	INR price
	20A	2P+E		200-250	1/6	400.2083	-	5438.00
		3P+E	6	380-415	1/6	400.2086	-	6093.00
		3P+N+E		346-415	1/6	400.2087	-	6594.00
	32A	2P+E		200-250	1/6	400.3283	-	6614.00
		3P+E	6	380-415	1/6	400.3286	-	7520.00
		3P+N+E		346-415	1/6	400.3287	-	8426.00
	20A	2P+E		200-250	1/6	-	405.2083	6652.00
		3P+E	6	380-415	1/6	-	405.2086	7308.00
		3P+N+E		346-415	1/6	-	405.2087	7983.00
	32A	2P+E		200-250	1/6	-	405.3283	8619.00
		3P+E	6	380-415	1/6	-	405.3286	8881.00
		3P+N+E		346-415	1/6	-	405.3287	10721.00
	63A	3P+N+E	6	346-415	1/6	-	405.6387	20670.00

Pack/Quantity

■ SURFACE MOUNTING

	Current rating	No of poles	Hr position	Voltage AC	IP	Cat. No.	IP66/IP67 without fuse holder	INR price
	20A	2P+E		200-250	1/6	500.2083	-	6767.00
		3P+E	6	380-415	1/6	500.2086	-	6320.00
		3P+N+E		346-415	1/6	500.2087	-	7424.00
	32A	2P+E		200-250	1/6	500.3283	-	7481.00
		3P+E	6	380-415	1/6	500.3286	-	7574.00
		3P+N+E		346-415	1/6	500.3287	-	9140.00
	20A	2P+E		200-250	1/6	-	505.2083	7925.00
		3P+E	6	380-415	1/6	-	505.2086	8039.00
		3P+N+E		346-415	1/6	-	505.2087	9313.00
	32A	2P+E		200-250	1/6	-	505.3283	10335.00
		3P+E	6	380-415	1/6	-	505.3286	11049.00
		3P+N+E		346-415	1/6	-	505.3287	12109.00
	63A	2P+E		200-250	1/6	-	505.M6383	18800.00
		3P+E	6	380-415	1/6	-	505.M6386	20323.00
		3P+N+E		346-415	1/6	-	505.M6387	22444.00

Pack/Quantity

■ ACCESSORIES

	Description	Qty	Cat. No.	INR price
	Surface mounting box IP67	1/6	④ 572.0310	689.00
	Flush mounting box IP55	1/6	④ 572.0200	1231.00
	Flame complete with gasket	6/60	④ 572.0220	551.00

Pack/Quantity

	Description	Qty	Cat. No.	
	Blank plate IP67	1/6/72	④ 654.0120	999.00
	Blank plate IP67 16A (70x87)	1/6/72	④ 654.0125	1091.00
	Blank plate IP67 32A (84x106)	1/6/72	④ 654.0126	1091.00

Pack/Quantity

ADVANCE2 Series

Switched socket outlets with interlock

■ WITH RAIL DIN (6 MODULES)

	Current rating	No of poles	Hr position	Voltage AC	IP	Cat. No.	INR price
						IP44	
20A	2P+E			200-250	1/4	567.2083	-
	3P+E	6		380-415	1/4	567.2086	-
	3P+N+E			346-415	1/4	567.2087	-
32A	2P+E			200-250	1/4	567.3283	-
	3P+E	6		380-415	1/4	567.3286	-
	3P+N+E			346-415	1/4	567.3287	-
20A	2P+E			200-250	1/4	-	568.2083
	3P+E	6		380-415	1/4	-	568.2086
	3P+N+E			346-415	1/4	-	568.2087
32A	2P+E			200-250	1/4	-	568.3283
	3P+E	6		380-415	1/4	-	568.3286
	3P+N+E			346-415	1/4	-	568.3287
63A	2P+E			200-250	1/4	-	568.6383
	3P+E	6		380-415	1/4	-	568.6386
	3P+N+E			346-415	1/4	-	568.6387

④ Pack/Quantity



ADVANCE-GRP System

Switched interlocked socket outlets

■ SURFACE MOUNTING I-DEVICE - IP66 - WITHOUT FUSE HOLDER

	Current rating	Poles	Hz.	Volt	Colour	H.	IP	Cat. No.	INR price
	125A	3P+N+E	50/60	346-415	■■■	6	1	503.12587	*



④ Pack/Quantity

* Price on request

- Rated voltage >50V

↓ With switch-disconnector

UNIBOX Series

Surface mounting enclosures

 SCAME

■ SURFACE MOUNTING ASSEMBLED UNITS - IP55

Gang	Description	Qty	Cat. No.	INR price
1 gang	1 x 1P switch	1/32	136.5121-303	1021.00
	1 x two-way switch	1/32	136.5121-323	1199.00
	1 x bell push	1/32	136.5121-333	1199.00
2 gang	1 x 15A British socket without switch	1/32	136.5122-414	2172.00
3 gang	1 x 6/16A Indian socket	1/24	136.5123-429	2690.00
3 gang	1 x 13A British socket with switch	1/24	136.5123-413	2305.00
3 gang	1 x 15A British socket with switch	1/24	136.5123-414	2975.00

 Pack/Quantity

PROTECTA Series

Weatherproof switches and sockets - IP66

■ SWITCH SOCKET OUTLETS

Description	Dimensions	Qty	Cat. No.	INR price
15A - 250V~ S.P. switch (British)	M115 (115x115mm)	1/12	137.6111	4890.00
 Pack/Quantity				SURFACE MOUNTIN G

Switch - Disconnectors

Surface / Flush Mount Engg Plastic IP65

■ ROTARY ISOLATORS

Current rating	No of poles	Dimensions (mm)	IP	Cat. No.		
				General Use	Emergency Use	INR price
20A	2	136x125	1/12	590.GR2002	-	5942.00
20A	2	136x125	1/12	-	590.ER2002	5942.00
20A	4	136x125	1/12	590.GR2004	-	6933.00
20A	4	136x125	1/12	-	590.ER2004	6933.00
32A	2	136x125	1/12	590.GR3202	-	6433.00
32A	2	136x125	1/12	-	590.ER3202	6433.00
32A	4	136x125	1/12	590.GR3204	-	7906.00
32A	4	136x125	1/12	-	590.ER3204	7906.00
40A	2	136x125	1/12	590.GR4002	-	12117.00
40A	2	136x125	1/12	-	590.ER4002	12117.00
40A	4	136x125	1/12	590.GR4004	-	15471.00
40A	4	136x125	1/12	-	590.ER4004	15471.00



General Use



Emergency Use

*** Pl note that Surface mounting Box 572.0310 to be used for Surface Mounting purpose and Flush Mounting Box along with Frame [572.0200 + 572.0220] to be used for Flush Mounting purpose along with above Cat. Nos.

■ ROTARY ISOLATORS

Current rating	No of poles	Dimensions (mm)	IP	Cat. No.		INR price
				General Use	Emergency Use	
20A	2	105x150x82	1/12	590.GE2012	-	6284.00
20A	4	105x150x82	1/12	590.GE2014	-	7247.00
32A	2	105x150x82	1/12	590.GE3212	-	6740.00
32A	4	105x150x82	1/12	590.GE3214	-	8089.00
40A	2	105x150x82	1/12	590.GE4012	-	9901.00
40A	4	105x150x82	1/12	590.GE4014	-	12408.00
63A	4	210x155x107	1/5	590.GE6304	-	16669.00
80A	4	210x155x107	1/5	590.GE8004	-	23989.00
100A	4	210x155x107	1/5	590.GE10004	-	31083.00
125A	4	308x228x128	1/5	590.GE12504	-	52389.00



DOMINO Series - IP66

Surface mounting enclosure

■ ENCLOSURE

Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)	IP	Socket	Cat. No.	INR price	
	M340	8	340x184x140	14W	1/10	2 (■)	④ 672.2300	6357.00
	M400	12	400x256x140	22W	1/6	1 (▲)	④ 672.3302	8176.00
	M400	12	400x256x140	22W	1/6	2 (●)	④ 672.3300	8293.00
	M400	16	400x328x140	28W	1/4	3 (●)	④ 672.4316	10964.00
	M550	16	550x328x140	28W	1/3	6 (●)	④ 672.5616	14615.00
	M550	24	550x477x140	28W	1/2	8 (●)	④ 672.5822	16961.00

③ Pack/Quantity

(*) According to CEI 23-49 Italian standard.

(■) 16A (70x87mm).

(●) 16A (70x87mm) or, with suitable adaption, 30A socket (84x106mm).

(▲) 63A (100x110mm).



GE

■ CONSUMER UNITS

	Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		Socket	Cat. No.	INR price
	M400	16	400x328x140	28W	1/4	2	④ 672.4216	11290.00
	M550	16	550x328x140	28W	1/3	3	④ 672.5316 (s)	15009.00
	M550	16	550x328x140	28W	1/3	4	④ 672.5416	15148.00

Pack/Quantity (*) According to CEI 23-49 Italian standard.
 (A) With cutouts to contain 2 OMNIA Series 16A or 32A and 1 OMNIA Series 63A.

PANEL FLANGE 136x125
 Connection device to be fitted in the upper side.

DOMINO Series - IP66

Surface mounting consumer units

■ CONSUMER UNITS

	Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		Cat. No.	INR price
	M135	2	135x76x102	6W	1/24	④ 672.2002	1883.00
	M190	4	190x112x106	10W	1/16	④ 672.2004	2266.00
	M190	8	190x184x106	14W	1/10	④ 672.2008	3413.00
	M250	12	250x256x140	22W	1/9	④ 672.2012	6660.00
	M250	16	250x328x140	28W	1/6	④ 672.2016	8601.00

Pack/Quantity

BLOCK Series - IP66

urface mounting enclosure

ENCLOSURE

Description	DIN modules	Dimensions (mm)	Dissipated power (*)	□	Socket outlets	Cat. No.	INR price
	BLOCK1	4	110x280x95	8W	1	1	⊕ 632.1500-000 2350.00
	BLOCK3	6	136x440x105	9W	1	3	⊕ 632.3500-000 5457.00
	BLOCK4	11	212x415x105	14W	1	4	⊕ 632.4500-000 9382.00
	BLOCK5	14	272x414x110	15W	1	5	⊕ 632.5500-000 10227.00

□ Pack/Quantity

(*) According to CEI 23-49 Italian standard.

■ Cut-outs suitable for 32A socket outlets with 84x106 mm flange.

(x) Does not accept COMMAND 63A Series Switches and higher.

(*) 70x87 mm cut-outs.



ACCESSORIES

Description	Flange	□	Cat. No.	INR price
	Plate for panel cut-outs	70x87	25	⊕ 654.0100 840.00

□ Pack/Quantity

ENERBOX Series IP55

Surface mounting enclosure

 **SCAME**

■ ENCLOSURE

DIN modules (17.5mm)	Dimensions hxbxp (mm)	Dissipated power (*)	Ø	Socket	Cat. No.	INR price
	6 285x145x107	9W	1	Blank Plate	633.1010	1520.00
	6 285x145x107	9W	1	1x20/32A	633.1013	1637.00
	6 285x145x107	9W	1	1x63A	633.1014	1703.00
	11 285x235x107	15W	1	Blank Plate	633.2020	2606.00
	11 285x235x107	15W	1	2x20/32A	633.2024	2806.00
	11 285x235x107	15W	1	2x63A	633.2025	2919.00
	11 285x235x107	15W	1	1x20/32A +1x63A	633.2026	2990.00

 Pack/Quantity

(*) According to CEI 23-49 Italian standard.

SCABOX Series

Surface mounting junction boxes

■ BOX WITH CABLE SLEEVES



Cover	Dimensions (mm)	No. of inlets	For	Fixing screws		Cat. No.	INR price
						IP55	
Screw cover	100x100x50	6xa23mm	PG 21	4	1/48	685.004	569.00
	120x80x50	6xa29mm	PG 21	4	1/54	685.005	637.00
	150x110x70	10xa29mm	PG 21	4	1/40	685.006 (K1)	948.00
	190x140x70	10xa38mm	PG 29	4	1/24	685.007 (K1)	1784.00
	240x190x90	12xa38mm	PG 29 (•)	4	1/12	685.008 (K1)	2852.00
	300x220x120	12xa38mm	PG 29 (•)	4	1/6	685.009 (K1)	5124.00
	380x300x120	12xa48mm	PG 36 (•)	4	1/4	685.010 (K1)	6969.00

(K1) It is possible to use the wall mounting brackets kit item 654.0021.

■ BOX WITH BLANK SIDES



Cover	Dimensions (mm)	Fixing screws		Cat. No.	INR price
				IP56 - Blank cover	
Screw cover	100x100x50	4	1/40	686.204	524.00
	120x80x50	4	1/42	686.205	546.00
	150x110x70	4	1/48	686.206 (K1)	816.00
	190x140x70	4	1/30	686.207 (K1)	1568.00
	240x190x90	4 (•)	1/16	686.208 (K1)	2471.00
	300x220x120	4 (•)	1/8	686.209 (K1)	4467.00
	380x300x120	4 (•)	1/4	686.210 (K1)	6206.00

(•) Suitable for the hinges mounting.

(K1) It is possible to use the wall mounting brackets kit item 654.0021.

CUBOX Series

Surface mounting junction boxes

■ BOX WITH CABLE SLEEVES AND TERMINAL STRIP - IP55



Cover	Dimensions (mm)	No. of inlets	For	Fixing screws	Terminal strip		Cat. No.	INR price
							IP55	
Screw cover	100x100x50	7xa23mm	PG 21	4	6 poles - 6mm ²	1/48	689.004.2	676.00
	120x80x50	6xa29mm	PG 21	4	6 poles - 10mm ²	1/54	689.005.2	703.00
	150x110x70	10xa29mm	PG 21	4	8 poles - 16mm ²	1/40	689.006.2	1276.00

■ ROLLER 330 Series

Product	Custom Size (mm)	No. of Cutouts	Standard Pack	SCAME Cat. No.	INR price
	Portable Frame with Open Drum	-	-	1	SC92063 10253
	Blank Disc	-	-	1	SC92068 1654
	Disc with cutouts for 2 Straight Panel Mounting Socket Outlets IEC309 (20A or 32A) Cutout Size : 75x75 mm	75x75mm	2	1	SC92074 1654



■ ROLLER 450 Series

Product	Custom Size (mm)	No. of Cutouts	Standard Pack	SCAME Cat. No.	INR price
	Portable Frame with Drum Roller 450	-	-	1	SC92065 34361
	Portable Frame with Drum Roller Block 450	-	-	1	SC92066 59506
	Blank Disc	-	-	1	SC92068 7538
	Disc with cutouts for 4 Straight Panel Mounting Socket Outlets. IEC309 (20A or 32A) Cutout Size : 75x75 mm	75x75mm	4	1	SC92089 7538



General technical informations

■ DEGREES OF PROTECTION FOR ENCLOSURES (IP CODE) EN 60529

These standards apply to enclosures for electrical material with a rated voltage not exceeding 72.5 KV. The second edition of these standards does generally change the IP degrees, but clarifies some aspects that were not completely clear in the previous edition.

According to these standards, the IP degree of protection should be used exclusively with the 2 defining numbers and the additional letters provided for by the standards. These are defined as follows:

1ST NUMBER

Protection for people from contact with hazardous parts (see also ADDITIONAL LETTER) and protection of equipment from the entry of solid foreign bodies.

2ND NUMBER

Protection of equipment from water entry.

IP	Solid foreign objects	Access to hazardous parts	
0			No protection
1			Protection from solid objects larger than 50 mm (eg accidental contact of the hand)
2			Protection from solid objects larger than 12 mm (eg the finger of a hand)
3			Protection from solid objects larger than 2.5 mm (eg tools, wires)
4			Protection from solid objects larger than 1 mm (eg fine tools and small wires)
5			Protection from dust (no harmful deposits)
6			Completely protected from dust

IP	Test	
.0		No protection
.1		Protected from vertically falling water drops
.2		Protected from vertically falling water drops at up to 15° from the vertical (rain)
.3		Protected from vertically falling water drops at up to 60° from the vertical (rain)
.4		Protected from splashing water in all directions
.5		Protected from jets of water in all directions
.6		Protected from jets of water similar to heavy seas
.7		Protected from the effects of immersion
.8		Protected from the effects of submersion

■ ADDITIONAL LETTER

To be used when the protection of people from hazardous parts is higher than that demanded by the first number for protection from the entry of solid objects.

■ SUPPLEMENTARY LETTER

Used to supply additional information about the material.

Letter	Definition
A	
B	
C	
D	

Letter	Definition
H	High-voltage apparatus
M	Tested for harmful effects due to water entry when the movable parts (eg the rotor of a rotating machine) are in motion.
S	Tested for harmful effects due to water entry when the movable parts (eg the rotor of a rotating machine) are stationary.
W	Suitable for use under specified weather conditions and provided with additional protective features or processes.

■ PROTECTION AGAINST MECHANICAL SHOCK (IK CODE) EN 62262

IK = Protection against mechanical shock.

Coded with 2 digits for the standard NF EN 62262

IP	Test	
..0		No protection
..1		Shock energy: 0,140 Joules
..2		Shock energy: 0,200 Joules
..3		Shock energy: 0,350 Joules
..4		Shock energy: 0,500 Joules
..5		Shock energy: 0,700 Joules
..6		Shock energy: 1,00 Joules
..7		Shock energy: 2,00 Joules
..8		Shock energy: 5,00 Joules
..9		Shock energy: 10,00 Joules
..10		Shock energy: 20,00 Joules

General technical informations

INDUSTRIAL PLUGS AND SOCKETS TO IEC 60309 RATED OPERATING VOLTAGE >50 V

Clock face position

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

The different voltages are identified by conventional colour codes.

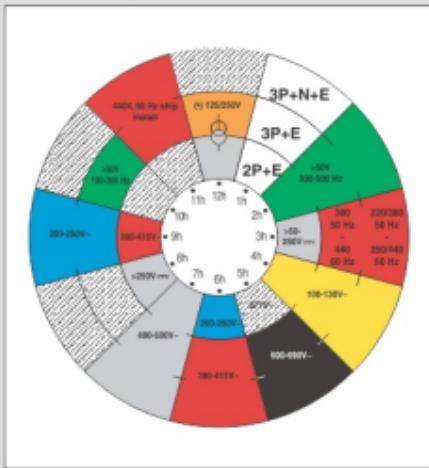
Clock reference:

All the versions required by the IEC 60309 standard are available, including the more specific:

Examples:

- standard use	h 6
- refrigerated container	h 3
- marine, port or ship installation	h 11
- direct current (2P+E)	h 3 and 8
- supply by isolation transformer (TST).....	h 12
- high frequency, from 100 to 300 Hz	h 10
- high frequency, from 300 to 500 Hz	h 2
- specific voltages 100-130V	h 4
480-500V.....	h 7
600-690V.....	h 5

Clock position - IEC ratings



(*) Only for Series II.

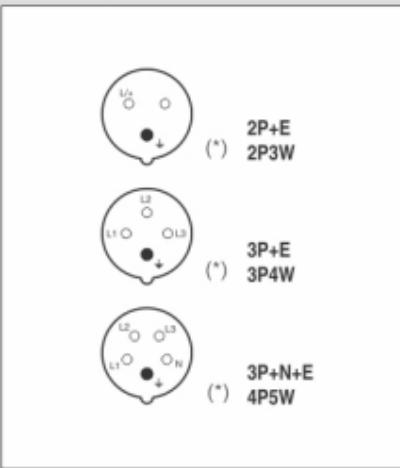
COLOUR CODE

The operating voltages are identified by conventional colours as shown in the table:

Rated operating voltage V	Colour 1)
from 20 to 25	Violet
from 40 to 50	White
from 100 to 130	Yellow
from 200 to 250	Blue
from 380 to 480	Red
from 500 to 690	Black

1) Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.

SOCKET (front view)



(*) Major keyway.

CLOCK DIAGRAM

Clock face position (h) of the earth pole of low voltage (>50 V) industrial plugs and sockets to IEC 60309-2 for different applications (polarity, voltage, frequency, current).

○ = Supply from isolation transformer

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

Rated operating voltage > 50 V (LV)

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

**CSQ certification in compliance
with UNI EN ISO 9001 standard**



**The "Total Quality" of the SCAME products
is assured by the European Certification
of Factory Quality System**

**SCAME PARRE S.p.A.
MEMBER OF:**



ATTENTION

Scame Parre S.p.A. reserves the right to modify and improve the products listed here without prior warning when required by production needs, technological changes or conformity to standards.

TERMS & CONDITIONS

1. All prices are subject to our general terms and conditions of business.
2. Any statutory variation in the taxes & duties by the govt authorities shall be made effective immediately and the same will be charged to the purchaser's account.
3. Freight & Insurance: Extra at actual.
4. Prices are subject to change without any notice.
5. Disputes, if any, are subject to Mumbai jurisdiction.
6. This price list supersedes our all previous price lists.



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