

SCAME INDIA PRICE LIST

1st JULY
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 SCAME
electrical solutions

A growing group

IN MORE 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.

CSQ certification in compliance with
UNI EN ISO 9001 and **UNI EN ISO 14001**
standards.



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

PLUGS AND SOCKETS

PLUGS AND SOCKETS FOR INDUSTRIAL APPLICATIONS

OPTIMA Series
from page 6



DOMO Series
from page 8



DOMOPLUS Series
from page 9



OMNIAPLUS Series
from page 9



SWITCHED SOCKET OUTLETS WITH INTERLOCK

OMNIA Series
from page 10



ADVANCE2 Series
from page 12



ADVANCE2 Series
from page 12



MODULAR SERIES FOR DOMESTIC APPLICATIONS

UNIBOX Series
from page 13



PROTECTA Series
from page 13



ENCLOSED SWITCH DISCONNECTORS

Isolators Series
from page 14



ENCLOSURES

EMPTY ENCLOSURES FOR ELECTRICAL EQUIPMENT

DOMINO Series IP66
from page 16



DOMINO System IP66
from page 17



BLOCK Series IP66
from page 18



EMPTY ENCLOSURES FOR ELECTRICAL EQUIPMENT

ENERBOX Series IP55
from page 19



SCABOX Series
from page 20



SCABOX-IN Series
from page 20



CABLE REEL & COMPONENTS

ROLLER 330 Series
from page 21



ROLLER 450 Series
from page 21



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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	Ø	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	20A	2P+E	6	200-250	50	213.2033-SF	-	431.00
		2P+E		200-250	10/50	213.2033	-	440.00
		3P+E		380-415	10/50	213.2036	-	683.00
		3P+N+E		346-415	10/50	213.2037	-	832.00
	32A	2P+E	6	200-250	10/40	213.3233	-	761.00
		3P+E		380-415	10/40	213.3236	-	1154.00
		3P+N+E		346-415	10/40	213.3237	-	1012.00
	63A	2P+E	6	200-250	6/24	213.6333	-	4360.00
		3P+E		380-415	6/24	213.6336	-	4482.00
		3P+N+E		346-415	6/24	213.6337	-	4783.00
	20A	2P+E	6	200-250	10/40	-	218.2033	867.00
		3P+E		380-415	10/40	-	218.2036	1193.00
		3P+N+E		346-415	10/40	-	218.2037	1331.00
	32A	2P+E	6	200-250	10/40	-	218.3233	1174.00
		3P+E		380-415	10/40	-	218.3236	1551.00
		3P+N+E		346-415	10/40	-	218.3237	1624.00
	63A	2P+E	6	200-250	6/24	-	218.6333	4703.00
		3P+E		380-415	6/24	-	218.6336	4835.00
		3P+N+E		346-415	6/24	-	218.6337	4989.00
	125A	3P+N+E	6	346-415	1/8	-	218.12537	12390.00

⌘ Pack/Quantity

CONNECTORS

	Current rating	No of poles	Hr position	Voltage AC	Ø	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	20A	2P+E	6	200-250	50	313.2043-SF	-	564.00
		2P+E		200-250	10/50	313.2043	-	584.00
		3P+E		380-415	10/50	313.2046	-	1116.00
		3P+N+E		346-415	10/50	313.2047	-	1498.00
	32A	2P+E	6	200-250	10/40	313.3243	-	1694.00
		3P+E		380-415	10/40	313.3246	-	1708.00
		3P+N+E		346-415	10/40	313.3247	-	1968.00

⌘ Pack/Quantity

CONNECTORS



Current rating	No of poles	Hr position	Voltage AC	⌀	Cat. No.		INR Price
					IP44/IP54	IP66/IP67/IP69	
20A	2P+E	6	200-250	10/40	-	318.2043	1830.00
	3P+E		380-415	10/40	-	318.2046	1884.00
	3P+N+E		346-415	10/40	-	318.2047	2171.00
32A	2P+E	6	200-250	10/40	-	318.3243	2559.00
	3P+E		380-415	10/40	-	318.3246	2519.00
	3P+N+E		346-415	10/40	-	318.3247	2877.00
63A	2P+E	6	200-250	6/24	-	318.6343	6717.00
	3P+E		380-415	6/24	-	318.6346	6784.00
	3P+N+E		346-415	6/24	-	318.6347	7246.00
125A	2P+E	6	346-415	1/8	-	318.12547	19502.00

⊞ Pack/Quantity

FLUSH MOUNTING SOCKET OUTLETS



Current rating	No of poles	Hr position	Voltage AC	⌀	Cat. No.		INR Price
					IP44/IP54	IP66/IP67/IP69	
20A	2P+E	6	200-250	10/100	413.2063	-	468.00
	3P+E		380-415	10/100	413.2066	-	788.00
	3P+N+E		346-415	10/100	413.2067	-	1082.00
32A	2P+E	6	200-250	10/50	413.3263	-	708.00
	3P+E		380-415	10/50	413.3266	-	1355.00
	3P+N+E		346-415	10/50	413.3267	-	910.00
63A	2P+E	6	200-250	6/30	413.6363	-	3586.00
	3P+E		380-415	6/30	413.6366	-	3700.00
	3P+N+E		346-415	6/30	413.6367	-	4005.00
20A	2P+E	6	200-250	10/100	-	418.2063	722.00
	3P+E		380-415	10/100	-	418.2066	1258.00
	3P+N+E		346-415	10/100	-	418.2067	1613.00
32A	2P+E	6	200-250	10/50	-	418.3263	1078.00
	3P+E		380-415	10/50	-	418.3266	1858.00
	3P+N+E		346-415	10/50	-	418.3267	1883.00
63A	2P+E	6	200-250	6/30	-	418.6363	3986.00
	3P+E		380-415	6/30	-	418.6366	4111.00
	3P+N+E		346-415	6/30	-	418.6367	4297.00
125A	3P+N+E	6	346-415	1/10	-	418.12567	12512.00

⊞ Pack/Quantity

OPTIMA Series

Plugs and sockets for industrial applications

■ SURFACE MOUNTING SOCKET OUTLETS

	Current rating	No of poles	Hr position	Voltage AC	Ø	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	20A	2P+E	6	200-250	10/40	513.2053	-	867.00
		3P+E		380-415	10/40	513.2056	-	1324.00
		3P+N+E		348-415	10/40	513.2057	-	1352.00
	32A	2P+E	6	200-250	10	513.3253	-	1209.00
		3P+E		380-415	10	513.3256	-	1743.00
		3P+N+E		348-415	10	513.3257	-	2126.00
	20A	2P+E	6	200-250	10/40	-	518.2053T	2054.00
		3P+E		380-415	10/40	-	518.2056T	2206.00
		3P+N+E		348-415	10/40	-	518.2057T	2567.00
	32A	2P+E	6	200-250	10	-	518.3253T	3113.00
		3P+E		380-415	10	-	518.3256T	3063.00
		3P+N+E		348-415	10	-	518.3257T	3298.00
	63A	2P+E	6	200-250	4	513.6353T	-	6685.00
		3P+E		380-415	4	513.6356T	-	6830.00
		3P+N+E		348-415	4	513.6357T	-	7165.00
	63A	2P+E	6	200-250	4	-	518.6353T	7165.00
		3P+E		380-415	4	-	518.6356T	7310.00
		3P+N+E		348-415	4	-	518.6357T	7645.00
	125A	3P+N+E	6	348-415	1/4	-	518.12557T	16515.00

Ⓜ Pack/Quantity

- Open threaded cable entry
- Cable gland included

DOMO Series

■ EMPTY SURFACE MOUNTING BOXES - DOMO SERIES - IP67

	Cable Inlet	Suitable for sockets	Flange dim (mm)	Cable Inlet	Ø	Cat. No.	INR Price	
	Knockout hole	20A	IP44/IP67	70x87	PG16	10/100	570.0016 (*)	704.00
		32A	IP44/IP67	84x106	PG21	10	570.0032 (*)	936.00



Threaded

63A

IP67

100x110

PG29

6

570.0163

4751.00

Ⓜ Pack/Quantity

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

(*) Suitable for the sealing caps.

■ ACCESSORIES



Description			Cat. No.	INR Price
Blank plate for panel cutouts	70x87 mm	25	654.0100	865.00

📦 Pack/Quantity

DOMOPLUS Series

Plugs and sockets for industrial applications

■ DOMESTIC STANDARD SOCKETS FOR INDUSTRIAL APPLICATION IP66



Standard	Description			Cat. No.	INR Price
 Indian Standard	6/16A 2P+E	70x87	1/12	570.6429	4372.00

📦 Pack/Quantity

* Price on request

OMNIAPLUS Series

■ DOMESTIC INTERLOCKED SOCKETS IP56



Standard			Cat. No.	INR Price
 Indian Standard	6/16A 2P+E	136x125 WITHOUT PROTECTION	1/6	409.0429 8720.00
		136x125 Fuse 6.3x32	1/6	409.1429 *
		136x125 MCB	1/6	409.2429 *
		136x125 RCBO	1/6	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	⌚	Cat. No.		INR Price
						IP44 without fuse holder	IP66/IP67 without fuse holder	
	20A	2P+E	6	200-250	1/6	400.2083	-	5600.00
		3P+E		380-415	1/6	400.2086	-	6276.00
		3P+N+E		348-415	1/6	400.2087	-	6792.00
	32A	2P+E	6	200-250	1/6	400.3283	-	6812.00
		3P+E		380-415	1/6	400.3286	-	7746.00
		3P+N+E		348-415	1/6	400.3287	-	8679.00
	20A	2P+E	6	200-250	1/6	-	405.2083	6852.00
		3P+E		380-415	1/6	-	405.2086	7527.00
		3P+N+E		348-415	1/6	-	405.2087	8222.00
	32A	2P+E	6	200-250	1/6	-	405.3283	8877.00
		3P+E		380-415	1/6	-	405.3286	9147.00
		3P+N+E		348-415	1/6	-	405.3287	11042.00
	63A	3P+N+E	6	348-415	1/6	-	405.6387	21290.00

⌚ Pack/Quantity

SURFACE MOUNTING

	Current rating	No of poles	Hr position	Voltage AC	⌚	Cat. No.		INR Price
						IP44 without fuse holder	IP66/IP67 without fuse holder	
	20A	2P+E	6	200-250	1/6	500.2083	-	6455.00
		3P+E		380-415	1/6	500.2086	-	6510.00
		3P+N+E		348-415	1/6	500.2087	-	7646.00
	32A	2P+E	6	200-250	1/6	500.3283	-	7706.00
		3P+E		380-415	1/6	500.3286	-	7800.00
		3P+N+E		348-415	1/6	500.3287	-	9414.00
	20A	2P+E	6	200-250	1/6	-	505.2083	8162.00
		3P+E		380-415	1/6	-	505.2086	8280.00
		3P+N+E		348-415	1/6	-	505.2087	9593.00
	32A	2P+E	6	200-250	1/6	-	505.3283	10645.00
		3P+E		380-415	1/6	-	505.3286	11380.00
		3P+N+E		348-415	1/6	-	505.3287	12472.00
	63A	2P+E	6	200-250	1/6	-	505.6383	19364.00
		3P+E		380-415	1/6	-	505.6386	20933.00
		3P+N+E		348-415	1/6	-	505.6387	23118.00

⌚ Pack/Quantity

■ ACCESSORIES

	Description		Cat. No.	INR Price
	Surface mounting box IP67	1/6	⊕ 572.0310	710.00
	Flush mounting box IP55	1/6	⊕ 572.0200	1268.00
	Flange complete with gasket	1/6/60	⊕ 572.0220	567.00

 Pack/Quantity

	Description		Cat. No.	INR Price
	Blank plate IP67	1/6/72	⊕ 654.0120	1072.00
	Blank plate IP67 16A (70x87)	1/6/72	⊕ 654.0125	1172.00
	Blank plate IP67 32A (84x106)	1/6/72	⊕ 654.0126	1172.00

 Pack/Quantity

ADVANCE2 Series

Switched socket outlets with interlock

WITH DIN RAIL (6 MODULES)

	Current rating	No of poles	Hr position	Voltage AC	1/4	Cat. No.		INR Price
						IP44	IP66/IP67	
	20A	2P+E	6	200-250	1/4	567.2083	-	9062.00
		3P+E		380-415	1/4	567.2086	-	9643.00
		3P+N+E		348-415	1/4	567.2087	-	10317.00
	32A	2P+E	6	200-250	1/4	567.3283	-	11281.00
		3P+E		380-415	1/4	567.3286	-	11940.00
		3P+N+E		348-415	1/4	567.3287	-	12980.00
	20A	2P+E	6	200-250	1/4	-	568.2083	9065.00
		3P+E		380-415	1/4	-	568.2086	9920.00
		3P+N+E		348-415	1/4	-	568.2087	10440.00
	32A	2P+E	6	200-250	1/4	-	568.3283	11135.00
		3P+E		380-415	1/4	-	568.3286	12062.00
		3P+N+E		348-415	1/4	-	568.3287	12319.00
	63A	2P+E	6	200-250	1/4	-	568.6383	22715.00
		3P+E		380-415	1/4	-	568.6386	24445.00
		3P+N+E		348-415	1/4	-	568.6387	26480.00

1/4 Pack/Quantity

ADVANCE2 Series

Switched socket outlets with interlock

ADVANCE 2 SERIES SWITCHED SOCKET WITH INTERLOCK

	Current rating	No of poles	Hr position	Voltage AC	1/4	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	125A	2P+E	6	200-250	1	-	548.12583	94920.00
		3P+E		380-415	1	-	548.12586	103350.00
		3P+N+E		348-415	1	-	548.12587	113895.00

1/4 Pack/Quantity

- M63 open threaded cable entry on bottom side
- High impact resistance IK09

ADVANCE 2 SERIES SWITCHED SOCKET WITH INTERLOCK + DIN RAIL (8 MODULES)

	Current rating	No of poles	Hr position	Voltage AC	1/4	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	125A	2P+E	6	200-250	1	-	548.12583-D	100200.00
		3P+E		380-415	1	-	548.12586-D	108625.00
		3P+N+E		348-415	1	-	548.12587-D	119170.00

1/4 Pack/Quantity

- M63 open threaded cable entry on bottom side
- High impact resistance IK09

UNIBOX Series

Surface mounting enclosures

■ SURFACE MOUNTING ASSEMBLED UNITS - IP55

	Gang	Description	Dimensions	Ⓜ	Cat. No.	INR Price
	1 gang	1 x 1P switch	32/128	1/32	136.5121-303	1068.00
		1 x two-way switch	32/128	1/32	136.5121-323	1256.00
		1 x bell push	32/128	1/32	136.5121-333	1256.00
	2 gang	1 x 15A British socket without switch	32/128	1/32	136.5122-414	2273.00
	3 gang	1 x 6/16A Indian socket	24/96	1/24	136.5123-429	2818.00
	3 gang	1 x 13A British socket with switch	24/96	1/24	136.5123-413	2818.00
	3 gang	1 x 15A British socket with switch	24/96	1/24	136.5123-414	3184.00

Ⓜ Pack/Quantity

PROTECTA Series

Weatherproof switches and sockets - IP66

■ SWITCH SOCKET OUTLETS

	Description	Dimensions	Ⓜ	Cat. No.	INR Price
	15A - 250V - S.P. switch (British)	M115 (115x115mm)	1/12	137.6111	4889.00

Ⓜ Pack/Quantity

SURFACE MOUNTING

Switch - Disconnectors

Surface / Flush Mount Thermoplastic Enclosure IP65

ISOLATORS SERIES

	Current rating	No of poles	Dimensions (mm)	T ₁	Cat. No.		INR Price
					General Use	Emergency Use	
 General Use	20A	2	136x125	1/12	590.GR2002	-	5838.00
	20A	2	136x125	1/12	-	590.ER2002	5838.00
	20A	4	136x125	1/12	590.GR2004	-	6928.00
	20A	4	136x125	1/12	-	590.ER2004	6928.00
	32A	2	136x125	1/12	590.GR3202	-	6354.00
	32A	2	136x125	1/12	-	590.ER3202	6354.00
	32A	4	136x125	1/12	590.GR3204	-	7900.00
	32A	4	136x125	1/12	-	590.ER3204	7900.00
 Emergency Use	40A	2	136x125	1/12	590.GR4002	-	12119.00
	40A	2	136x125	1/12	-	590.ER4002	12119.00
	40A	4	136x125	1/12	590.GR4004	-	15455.00
	40A	4	136x125	1/12	-	590.ER4004	15455.00

*** 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.

Enclosed Switch Disconnectors

Surface Mount Thermoplastic Enclosure IP66/IP69

■ ISOLATORS SERIES

	Current rating	No of poles	Dimensions (mm)	1/2	Cat. No.		INR Price
					General Use	Emergency Use	
	20A	2	110x150x86	1/12	590.GE2012	-	6286.00
	20A	4	110x150x86	1/12	590.GE2014	-	7242.00
	32A	2	110x150x86	1/12	590.GE3212	-	6736.00
	32A	4	110x150x86	1/12	590.GE3214	-	8082.00
	40A	2	110x150x86	1/12	590.GE4012	-	9893.00
	40A	4	110x150x86	1/12	590.GE4014	-	12396.00
	63A	4	160x220x114	1/5	590.GE6304	-	16655.00
	80A	4	160x220x114	1/5	590.GE8004	-	23967.00
	100A	4	160x220x114	1/5	590.GE10005	-	31065.00
	125A (IP55)	1	308x228x128	1/5	590.GE12505	-	52364.00

DOMINO Series - IP66

Surface mounting enclosure

ENCLOSURE

	Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)	1/10	Socket	Cat. No.	INR Price
	M340	8	340x184x140	14W	1/10	1 (◆)	672.2301	6858.00
	M340	8	340x184x140	14W	1/10	2 (■)	672.2300	6651.00
	M400	12	400x256x140	22W	1/6	1 (▲)	672.3302	8558.00
	M400	12	400x256x140	22W	1/6	2 (●)	672.3300	8674.00
	M400	16	400x328x140	28W	1/4	3 (●)	672.4316	11469.00
	M550	16	550x328x140	28W	1/3	6 (●)	672.5616	15288.00
	M550	24	550x477x140	28W	1/3	8 (●)	672.5822	17742.00

1/10 Pack/Quantity

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

- 16A (70x87mm).
- ◆ 16A (70x87mm) or, with suitable adaption, 32A socket (84x100mm).
- ▲ 63A (100x110mm).
- 32A (84x106mm).

 PANEL FLANGE
70x87

CONSUMER UNITS

	Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		Socket	Cat. No.	INR Price
	M400	16	400x328x140	28W	1/4	2	Ⓣ 672.4216	11808.00
	M550	16	550x328x140	28W	1/3	3	Ⓣ 672.5316 (A)	15699.00
	M550	16	550x328x140	28W	1/3	4	Ⓣ 672.5416	15844.00
 Pack/Quantity (*) According to CEI 23-49 Italian standard. (A) With outlets to contain 2 OMNIA Series 16A or 32A and 1 OMNIA Series 63A. ☐ PANEL FLANGE 136x125 Connection device to be fixed 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	Ⓣ 672.2002	1846.00
	M190	4	190x112x106	10W	1/16	Ⓣ 672.2004	2222.00
	M190	8	190x184x106	14W	1/10	Ⓣ 672.2008	3345.00
	M250	12	250x256x140	22W	1/9	Ⓣ 672.2012	6536.00
	M250	16	250x328x140	28W	1/6	Ⓣ 672.2016	8432.00
 Pack/Quantity							

BLOCK Series - IP66

Surface mounting enclosure

ENCLOSURE

	Description	DIN modules	Dimensions (mm)	Dissipated power (*)	1/2	Socket outlets	Cat. No.	INR Price
	BLOCK1	4	110x280x95	8W	1/4	1	632.1500-000	2421.00
	BLOCK3	6	136x440x105	9W	1/4	3	632.3500-000	5621.00
	BLOCK4	11	212x415x105	14W	1/4	4	632.4500-000	9664.00
	BLOCK5	14	72x414x110	15W	1/2	5	632.5500-000	10534.00

 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.

(y) 70x87 mm cut-outs.

 PANEL FLANGE
70x87

ACCESSORIES

	Description	Flange	1/2	Cat. No.	INR Price
	Plate for panel cut-outs	70x87	25	654.0100	865.00
	Connection Kit suitable for DOMINO IP66	PG21	25	654.0038	564.00
	Connection Kit suitable for DOMINO IP66	PG36	25	654.0040	1364.00

 Pack/Quantity

ENERBOX Series IP55

Surface mounting enclosure

ENCLOSURE

	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)	⏏	Socket	Cat. No.	INR Price
	6	285x145x107	9W	1/12	Blank Plate	633.1010	1635.00
	6	285x145x107	9W	1/12	1x20/32A	633.1013	1760.00
	6	285x145x107	9W	1/12	1x63A	633.1014	1830.00
	11	285x235x107	15W	1/6	Blank Plate	633.2020	2799.00
	11	285x235x107	15W	1/6	2x20/32A	633.2024	3015.00
	11	285x235x107	15W	1/6	2x63A	633.2025	3135.00
	11	285x235x107	15W	1/6	1x20/32A +1x63A	633.2026	3212.00

⏏ 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. IP55	
	Screw cover	100x100x50	6xø23mm	PG 21	4	1/48	Ⓢ 685.004	568.00
		120x80x50	6xø29mm	PG 21	4	1/54	Ⓢ 685.005	638.00
		150x110x70	10xø29mm	PG 21	4	1/40	Ⓢ 685.006 (K1)	948.00
		190x140x70	10xø38mm	PG 29	4	1/24	Ⓢ 685.007 (K1)	1782.00
		240x190x90	12xø38mm	PG 29 (•)	4	1/12	Ⓢ 685.008 (K1)	2850.00
		300x220x120	12xø38mm	PG 29 (•)	4	1/6	Ⓢ 685.009 (K1)	5120.00
		380x300x120	12xø48mm	PG 36 (•)	4	1/4	Ⓢ 685.010 (K1)	6952.00
		450x370x130	14xø48mm	PG 36 (•)	6	1/4	Ⓢ 685.011 (K2)	9574.00
Ⓢ Pack/Quantity		(•) Suitable for the hinges mounting.			(K1) It is possible to use the wall mounting brackets kit item 654.0021. (K2) It is possible to use the wall mounting brackets kit item 654.0023.			

BOX WITH BLANK SIDES

	Cover	Dimensions (mm)	Fixing screws	⌀	Cat. No. IP56 - Blank cover	INR Price
	Screw cover	100x100x50	4	1/40	Ⓢ 686.204	525.00
		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)	2469.00
		300x220x120	4 (◆)	1/8	Ⓢ 686.209 (K1)	4464.00
		380x300x120	4 (◆)	1/4	Ⓢ 686.210 (K1)	6201.00
		450x370x130	4 (◆)	1	Ⓢ 686.211 (K2)	8705.00
Ⓢ Pack/Quantity		(•) Suitable for the hinges mounting.			(K1) It is possible to use the wall mounting brackets kit item 654.0021. (K2) It is possible to use the wall mounting brackets kit item 654.0023.	

SCABOX-IN Series

Surface mounting junction boxes

BOX WITH CABLE SLEEVES AND TERMINAL STRIP - IP55

	Dimensions (mm)	No. of inlets	For	Fixing screws	Terminal strip	⌀	Cat. No.	INR Price
	100x100x50	7xø23mm	PG 21	4	6 poles - 6mm ²	1/48	689.004.2	696.00
	120x80x50	6xø29mm	PG 21	4	6 poles - 10mm ²	1/54	689.005.2	724.00
	150x110x70	10xø29mm	PG 21	4	8 poles - 16mm ²	1/40	689.006.2	1314.00
Ⓢ Pack/Quantity								

■ ROLLER 330 Series

	Product	Custom Size (mm)	No. of Cutouts	Standard Pack	SCAME Cat. No.	INR Price
	Portable Frame with Open Drum	—	—	1	SC92063	9744.00
	Blank Disc	—	—	1	SC92068	1571.00
	Disc with cutouts for 2 Straight Panel Mounting Socket Outlets IEC309 (20A or 32A) Cutout Size : 75x75 mm	75x75mm	2	1	SC92074	1571.00



■ 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	32679.00
	Portable Frame with Drum Roller Block 450	—	—	1	SC92066	56571.00
	Blank Disc	—	—	1	SC92088	7164.00
	Disc with cutouts for 4 Straight Panel Mounting Socket Outlets. IEC309 (20A or 32A) Cutout Size : 75x75 mm	75x75mm	4	1	SC92089	7164.00



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
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.

Letter		Definition
A		Protected from access with the back of the hand. The access probe, spherical 80 mm Ø, should have adequate clearance from hazardous parts.
B		Protected from access with a finger. The joined test finger of 12 mm Ø and 80 mm long should have adequate clearance from hazardous parts.
C		Protected from access with a tool. The access probe of 2.5 mm Ø, 100 mm length should have adequate clearance from hazardous parts.
D		Protected from access with a wire. The access probe of 1.0 mm Ø, 100 mm length should have adequate clearance from hazardous parts.

SUPPLEMENTARY LETTER

Used to supply additional information about the material.

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**

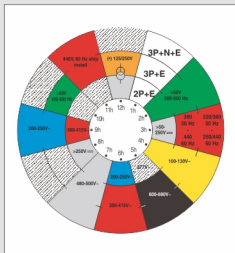
COLOUR CODE

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

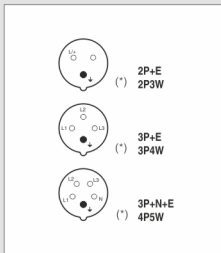
1) Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.

Clock position - IEC ratings



(*) Only for Series II.

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)

Number of contact	Poles	Frequency Hz	Rated operating voltage V	Clock face pos. (h) Earth contact (1)		Colour code
				16/20A 32/30A	63/50A 125/100A	
3 Contact 2P3W	1P+N+E	50 e 60	100-130	4	4	
	II Series	60	277	5	5	
	2P+E I and II Series	50 e 60	100+130	4	4	
			200+250	6	6	
			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)		
4 Contact 3P4W	2P+N+E II Series	50 e 60	125/250	12	12	
	3P+E I and II Series	50 e 60	100+130	4	4	
			200+250	9	9	
			380+415	6	6	
		60	440-460 (4)	11	11	
		50 e 60	480-500	7	7	- (6)
			600-690	5	5	 (2)
		50	380	3	-	
		60	440 (3)	-	-	
		100-300	> 50	10	-	 (5)
	>300-500	> 50	2	-	 (5)	
5 Contact 4P5W	3P+N+E I and II Series	50 e 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	220/380	3	-	
		60	250/440 (3)	-	-	
		100-300	> 50	-	-	 (5)
		>300-500	> 50	2	-	 (5)
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
 (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 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.

Populated Construction Power Distribution Boards with sockets outlets



Products for applications in
hazardous environments
ATEX - IECEx

For specific requirements contact us on
info@scame.in

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 Navi Mumbai jurisdiction.
6. This price list supersedes our all previous price lists.
7. GST will be charged extra as applicable

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.

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