

SCAME INDIA PRICE LIST

1st APRIL 2023





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.



ITALIAN EXCELLENCE
SINCE 1963

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PLUGS AND SOCKETS FOR INDUSTRIAL APPLICATIONS

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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	□	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	20A	2P+E	6	200-250	50	213.2033-SF	-	520.00
		2P+E		200-250	10/50	213.2033	-	530.00
		3P+E		380-415	10/50	213.2036	-	810.00
		3P+N+E		346-415	10/50	213.2037	-	1010.00
	32A	2P+E	6	200-250	10/40	213.3233	-	910.00
		3P+E		380-415	10/40	213.3236	-	1350.00
		3P+N+E		346-415	10/40	213.3237	-	1240.00
	20A	2P+E	6	200-250	10/40	-	218.2033	990.00
		3P+E		380-415	10/40	-	218.2036	1400.00
		3P+N+E		346-415	10/40	-	218.2037	1560.00
	32A	2P+E	6	200-250	10/40	-	218.3233	1360.00
		3P+E		380-415	10/40	-	218.3236	1820.00
		3P+N+E		346-415	10/40	-	218.3237	1980.00
	63A	2P+E	6	200-250	6/24	-	218.6333	5500.00
		3P+E		380-415	6/24	-	218.6336	5660.00
		3P+N+E		346-415	6/24	-	218.6337	5840.00
	125A	3P+N+E	6	346-415	1/8	-	218.12537	14460.00

□ 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	50	313.2043-SF	-	670.00
		2P+E		200-250	10/50	313.2043	-	710.00
		3P+E		380-415	10/50	313.2046	-	1310.00
		3P+N+E		346-415	10/50	313.2047	-	1760.00
	32A	2P+E	6	200-250	10/40	313.3243	-	1980.00
		3P+E		380-415	10/40	313.3246	-	2010.00
		3P+N+E		346-415	10/40	313.3247	-	2310.00

□ 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	2140.00
	3P+E		380-415	10/40	-	318.2046	2210.00
	3P+N+E		346-415	10/40	-	318.2047	2540.00
32A	2P+E	6	200-250	10/40	-	318.3243	2990.00
	3P+E		380-415	10/40	-	318.3246	2940.00
	3P+N+E		346-415	10/40	-	318.3247	3360.00
63A	2P+E	6	200-250	6/24	-	318.6343	8060.00
	3P+E		380-415	6/24	-	318.6346	8130.00
	3P+N+E		346-415	6/24	-	318.6347	8680.00
125A	2P+E	6	346-415	1/8	-	318.12547	24220.00

□ 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	-	570.00
	3P+E		380-415	10/100	413.2066	-	960.00
	3P+N+E		346-415	10/100	413.2067	-	1220.00
32A	2P+E	6	200-250	10/50	413.3263	-	840.00
	3P+E		380-415	10/50	413.3266	-	1590.00
	3P+N+E		346-415	10/50	413.3267	-	1070.00
63A	2P+E	6	200-250	6/30	413.6363	-	4010.00
	3P+E		380-415	6/30	413.6366	-	4140.00
	3P+N+E		346-415	6/30	413.6367	-	4490.00
20A	2P+E	6	200-250	10/100	-	418.2063	840.00
	3P+E		380-415	10/100	-	418.2066	1480.00
	3P+N+E		346-415	10/100	-	418.2067	1890.00
32A	2P+E	6	200-250	10/50	-	418.3263	1240.00
	3P+E		380-415	10/50	-	418.3266	2180.00
	3P+N+E		346-415	10/50	-	418.3267	2230.00
63A	2P+E	6	200-250	6/30	-	418.6363	4460.00
	3P+E		380-415	6/30	-	418.6366	4600.00
	3P+N+E		346-415	6/30	-	418.6367	4800.00
125A	3P+N+E	6	346-415	1/10	-	418.12567	14000.00

□ 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/IP54	IP66/IP67/IP69	
	20A	2P+E	6	200-250	10/40	513.2053	-	990.00
		3P+E		380-415	10/40	513.2056	-	1550.00
		3P+N+E		346-415	10/40	513.2057	-	1590.00
	32A	2P+E	6	200-250	10	513.3253	-	1370.00
		3P+E		380-415	10	513.3256	-	2040.00
		3P+N+E		346-415	10	513.3257	-	2490.00
	20A	2P+E	6	200-250	10/40	-	518.2053T	2720.00
		3P+E		380-415	10/40	-	518.2056T	2930.00
		3P+N+E		346-415	10/40	-	518.2057T	3400.00
	32A	2P+E	6	200-250	10	-	518.3253T	4120.00
		3P+E		380-415	10	-	518.3256T	4050.00
		3P+N+E		346-415	10	-	518.3257T	4360.00
	63A	2P+E	6	200-250	4	513.6353T	-	7480.00
		3P+E		380-415	4	513.6356T	-	7640.00
		3P+N+E		346-415	4	513.6357T	-	8010.00
	63A	2P+E	6	200-250	4	-	518.6353T	8010.00
		3P+E		380-415	4	-	518.6356T	8180.00
		3P+N+E		346-415	4	-	518.6357T	8540.00
	125A	3P+N+E	6	346-415	1/4	-	518.12557T	18450.00

□ 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	□	Cat. No.	INR Price	
	Knockout hole	20A	IP44/IP67	70x87	PG16	10/100	570.0016 (*)	800.00
		32A	IP44/IP67	84x106	PG21	10	570.0032 (*)	1060.00
	Threaded	63A	IP67	100x110	PG29	6	570.M0163	5690.00

□ 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	1000.00


 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	4580.00


 Pack/Quantity


* Price on request

OMNIAPLUS Series

DOMESTIC INTERLOCKED SOCKETS IP56



Standard	Description		Cat. No.	INR Price	
 Indian Standard	6/16A 2P+E	136x125 WITHOUT PROTECTION	1/6	409.0429	9750.00
		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	-	6540.00
		3P+E		380-415	1/6	400.2086	-	7340.00
		3P+N+E		346-415	1/6	400.2087	-	7940.00
	32A	2P+E	6	200-250	1/6	400.3283	-	7960.00
		3P+E		380-415	1/6	400.3286	-	9050.00
		3P+N+E		346-415	1/6	400.3287	-	10140.00
	20A	2P+E	6	200-250	1/6	-	405.2083	8010.00
		3P+E		380-415	1/6	-	405.2086	8800.00
		3P+N+E		346-415	1/6	-	405.2087	9600.00
	32A	2P+E	6	200-250	1/6	-	405.3283	10370.00
		3P+E		380-415	1/6	-	405.3286	10680.00
		3P+N+E		346-415	1/6	-	405.3287	12900.00
	63A	3P+N+E	6	346-415	1/6	-	405.6387	24840.00






□ 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	-	7220.00
		3P+E		380-415	1/6	500.2086	-	7260.00
		3P+N+E		346-415	1/6	500.2087	-	8560.00
	32A	2P+E	6	200-250	1/6	500.3283	-	8630.00
		3P+E		380-415	1/6	500.3286	-	8720.00
		3P+N+E		346-415	1/6	500.3287	-	10540.00
	20A	2P+E	6	200-250	1/6	-	505.2083	9140.00
		3P+E		380-415	1/6	-	505.2086	9680.00
		3P+N+E		346-415	1/6	-	505.2087	10730.00
	32A	2P+E	6	200-250	1/6	-	505.3283	11910.00
		3P+E		380-415	1/6	-	505.3286	12740.00
		3P+N+E		346-415	1/6	-	505.3287	13960.00
	63A	2P+E	6	200-250	1/6	-	505.6383	21650.00
		3P+E		380-415	1/6	-	505.6386	23420.00
		3P+N+E		346-415	1/6	-	505.6387	25860.00

□ Pack/Quantity

ACCESSORIES



	Description		Cat. No.	INR Price
	Surface mounting box IP67	1/6	₹ 572.0310	810.00
	Flush mounting box IP55	1/6	₹ 572.0200	1440.00
	Frame complete with gasket	1/6/60	₹ 572.0220	660.00
	 Pack/Quantity			

	Description		Cat. No.	INR Price
	Blank plate IP67	1/6/72	₹ 654.0120	1300.00
	Blank plate IP67 16A (70x87)	1/6/72	₹ 654.0125	1410.00
	Blank plate IP67 32A (84x106)	1/6/72	₹ 654.0126	1410.00
	 Pack/Quantity			

ADVANCE2 Series

Switched socket outlets with interlock

WITH DIN RAIL (6 MODULES)


	Current rating	No of poles	Hr position	Voltage AC	□	Cat. No.		INR Price
						IP44	IP66/IP67	
	20A	2P+E	6	200-250	1/4	567.2083	-	10130.00
		3P+E		380-415	1/4	567.2086	-	10780.00
		3P+N+E		346-415	1/4	567.2087	-	11540.00
	32A	2P+E	6	200-250	1/4	567.3283	-	12620.00
		3P+E		380-415	1/4	567.3286	-	13350.00
		3P+N+E		346-415	1/4	567.3287	-	14510.00
	20A	2P+E	6	200-250	1/4	-	568.2083	10130.00
		3P+E		380-415	1/4	-	568.2086	11090.00
		3P+N+E		346-415	1/4	-	568.2087	11670.00
	32A	2P+E	6	200-250	1/4	-	568.3283	12450.00
		3P+E		380-415	1/4	-	568.3286	13480.00
		3P+N+E		346-415	1/4	-	568.3287	14310.00
	63A	2P+E	6	200-250	1/4	-	568.6383	25370.00
		3P+E		380-415	1/4	-	568.6386	27300.00
		3P+N+E		346-415	1/4	-	568.6387	29600.00

□ 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	□	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	125A	2P+E	6	200-250	1	-	548.12583	110820.00
		3P+E		380-415	1	-	548.12586	120560.00
		3P+N+E		346-415	1	-	548.12587	133040.00

□ 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	□	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	125A	2P+E	6	200-250	1	-	548.12583-D	116870.00
		3P+E		380-415	1	-	548.12586-D	126800.00
		3P+N+E		346-415	1	-	548.12587-D	139280.00







□ 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	Pack/Quantity	Cat. No.	INR Price
	1 gang	1 x 1P switch	32/128	1/32	136.5121-303	1200.00
		1 x two-way switch	32/128	1/32	136.5121-323	1470.00
		1 x bell push	32/128	1/32	136.5121-333	1470.00
	2 gang	1 x 15A British socket without switch	32/128	1/32	136.5122-414	2550.00
	3 gang	1 x 6/16A Indian socket	24/96	1/24	136.5123-429	3160.00
	3 gang	1 x 13A British socket with switch	24/96	1/24	136.5123-413	3290.00
	3 gang	1 x 15A British socket with switch	24/96	1/24	136.5123-414	3720.00


 Pack/Quantity

PROTECTA Series

Weatherproof switches and sockets - IP66

■ SWITCH SOCKET OUTLETS

	Description	Dimensions	Pack/Quantity	Cat. No.	INR Price
	15A - 250V~ S.P. switch (British)	M115 (115x115mm)	1/12	137.6111	5720.00



 Pack/Quantity

SURFACE MOUNTING

Switch - Disconnectors

Surface / Flush Mount Thermoplastic Enclosure IP65

ISOLATORS SERIES




	Current rating	No of poles	Dimensions (mm)	□	Cat. No.		INR Price	
					General Use	Emergency Use		
 General Use	20A	2	136x125	1/12	590.GR2002	-	6820.00	
	20A	2	136x125	1/12	-	590.ER2002	6820.00	
	20A	4	136x125	1/12	590.GR2004	-	8090.00	
	20A	4	136x125	1/12	-	590.ER2004	8090.00	
	32A	2	136x125	1/12	590.GR3202	-	7430.00	
	32A	2	136x125	1/12	-	590.ER3202	7430.00	
	32A	4	136x125	1/12	590.GR3204	-	9230.00	
	32A	4	136x125	1/12	-	590.ER3204	9230.00	
	 Emergency Use	40A	2	136x125	1/12	590.GR4002	-	14150.00
		40A	2	136x125	1/12	-	590.ER4002	14150.00
40A		4	136x125	1/12	590.GR4004	-	18050.00	
40A		4	136x125	1/12	-	590.ER4004	18050.00	

*** 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)	☐	Cat. No.		INR Price
					General Use	Emergency Use	
	20A	2	110x150x86	1/12	590.GE2012	-	7350.00
	20A	4	110x150x86	1/12	590.GE2014	-	8460.00
	32A	2	110x150x86	1/12	590.GE3212	-	7880.00
	32A	4	110x150x86	1/12	590.GE3214	-	9440.00
	40A	2	110x150x86	1/12	590.GE4012	-	11560.00
	40A	4	110x150x86	1/12	590.GE4014	-	14480.00
	63A	4	160x220x114	1/5	590.GE6304	-	19460.00
	80A	4	160x220x114	1/5	590.GE8004	-	28010.00
	100A	4	160x220x114	1/5	590.GE10005	-	36260.00
	125A (IP55)	1	308x228x128	1/5	590.GE12505	-	61130.00

DOMINO Series - IP66

Surface mounting enclosure

ENCLOSURE

	Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		Socket	Cat. No.	INR Price
	M340	8	340x184x140	14W	1/10	1 (◆)	672.2301	8250.00
	M340	8	340x184x140	14W	1/10	2 (■)	672.2300	8000.00
	M400	12	400x256x140	22W	1/6	1 (▲)	672.3302	10170.00
	M400	12	400x256x140	22W	1/6	2 (●)	672.3300	10430.00
	M400	16	400x328x140	28W	1/4	3 (●)	672.4316	13780.00
	M550	16	550x328x140	28W	1/3	6 (●)	672.5616	18380.00
	M550	24	550x477x140	28W	1/3	8 (●)	672.5822	21320.00

 Pack/Quantity

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

(■) 16A (70x87mm).





(●) 16A (70x87mm) or, with suitable adaption, 32A socket (84x106mm).

(▲) 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	14200.00
	M550	16	550x328x140	28W	1/3	3	🌐 672.5316 (Δ)	18870.00
	M550	16	550x328x140	28W	1/3	4	🌐 672.5416	19040.00

 Pack/Quantity

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

(Δ) With cutouts 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

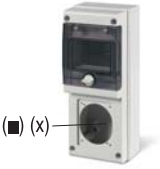
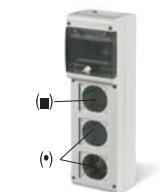
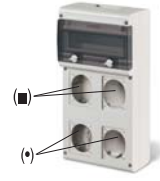
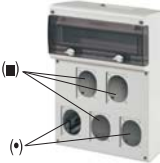
	Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		Cat. No.	INR Price
	M135	2	135x76x102	6W	1/24	🌐 672.2002	2130.00
	M190	4	190x112x106	10W	1/16	🌐 672.2004	2610.00
	M190	8	190x184x106	14W	1/10	🌐 672.2008	3840.00
	M250	12	250x256x140	22W	1/9	🌐 672.2012	7520.00
	M250	16	250x328x140	28W	1/6	🌐 672.2016	10240.00

 Pack/Quantity

BLOCK Series - IP66

Surface mounting enclosure

ENCLOSURE

	Description	DIN modules	Dimensions (mm)	Dissipated power (*)	□	Socket outlets	Cat. No.	INR Price
 (■) (x)	BLOCK1	4	110x280x95	8W	1/4	1	632.1500-000	2760.00
 (■) (x)	BLOCK3	6	136x440x105	9W	1/4	3	632.3500-000	6410.00
 (■) (x)	BLOCK4	11	212x415x105	14W	1/4	4	632.4500-000	11020.00
 (■) (x)	BLOCK5	14	72x414x110	15W	1/2	5	632.5500-000	12000.00

□ 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.

 PANEL FLANGE 70x87

ACCESSORIES

	Description	Flange	□	Cat. No.	INR Price
	Plate for panel cut-outs	70x87	25	654.0100	1000.00
	Connection Kit suitable for DOMINO IP66	PG21	25	654.0038	690.00
	Connection Kit suitable for DOMINO IP66	PG36	25	654.0040	1650.00

□ 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	2190.00
	6	285x145x107	9W	1/12	1x20/32A	633.1013	2400.00
	6	285x145x107	9W	1/12	1x63A	633.1014	2500.00
	11	285x235x107	15W	1/6	Blank Plate	633.2020	3440.00
	11	285x235x107	15W	1/6	2x20/32A	633.2024	3710.00
	11	285x235x107	15W	1/6	2x63A	633.2025	3830.00
	11	285x235x107	15W	1/6	1x20/32A +1x63A	633.2026	3950.00

 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	INR Price
Screw cover	100x100x50	6xø23mm	PG 21	4	1/48	⊕ 685.004	690.00
	120x80x50	6xø29mm	PG 21	4	1/54	⊕ 685.005	780.00
	150x110x70	10xø29mm	PG 21	4	1/40	⊕ 685.006 (K1)	1140.00
	190x140x70	10xø38mm	PG 29	4	1/24	⊕ 685.007 (K1)	2150.00
	240x190x90	12xø38mm	PG 29 (◆)	4	1/12	⊕ 685.008 (K1)	3440.00
	300x220x120	12xø38mm	PG 29 (◆)	4	1/6	⊕ 685.009 (K1)	6160.00
	380x300x120	12xø48mm	PG 36 (◆)	4	1/4	⊕ 685.010 (K1)	8360.00
	450x370x130	14xø48mm	PG 36 (◆)	6	1/4	⊕ 685.011 (K2)	11510.00

□ 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	640.00
	120x80x50	4	1/42	⊕ 686.205	660.00
	150x110x70	4	1/48	⊕ 686.206 (K1)	990.00
	190x140x70	4	1/30	⊕ 686.207 (K1)	1890.00
	240x190x90	4 (◆)	1/16	⊕ 686.208 (K1)	2980.00
	300x220x120	4 (◆)	1/8	⊕ 686.209 (K1)	5370.00
	380x300x120	4 (◆)	1/4	⊕ 686.210 (K1)	7460.00
	450x370x130	4 (◆)	1	⊕ 686.211 (K2)	10470.00

□ 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




Cover	Dimensions (mm)	No. of inlets	For	Fixing screws	Terminal strip	□	Cat. No.	INR Price
Screw cover	100x100x50	7xø23mm	PG 21	4	6 poles - 6mm ²	1/48	689.004.2	810.00
	120x80x50	6xø29mm	PG 21	4	6 poles - 10mm ²	1/54	689.005.2	830.00
	150x110x70	10xø29mm	PG 21	4	8 poles - 16mm ²	1/40	689.006.2	1500.00






□ 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	11380.00
	Blank Disc	—	—	1	SC92068	1840.00
	Disc with cutouts for 2 Straight Panel Mounting Socket Outlets IEC309 (20A or 32A) Cutout Size : 75x75 mm	75x75mm	2	1	SC92074	1840.00



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	38160.00
	Portable Frame with Drum Roller Block 450	—	—	1	SC92066	66050.00
	Blank Disc	—	—	1	SC92088	8370.00
	Disc with cutouts for 4 Straight Panel Mounting Socket Outlets. IEC309 (20A or 32A) Cutout Size : 75x75 mm	75x75mm	4	1	SC92089	8370.00



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.

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.

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

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:

2ND NUMBER

Protection of equipment from water entry.

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 50 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.


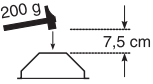
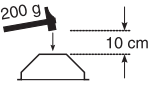
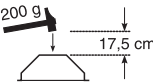
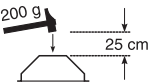
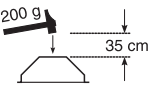
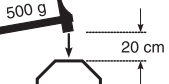
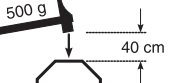
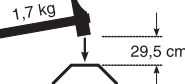
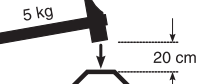

SUPPLEMENTARY LETTER

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**

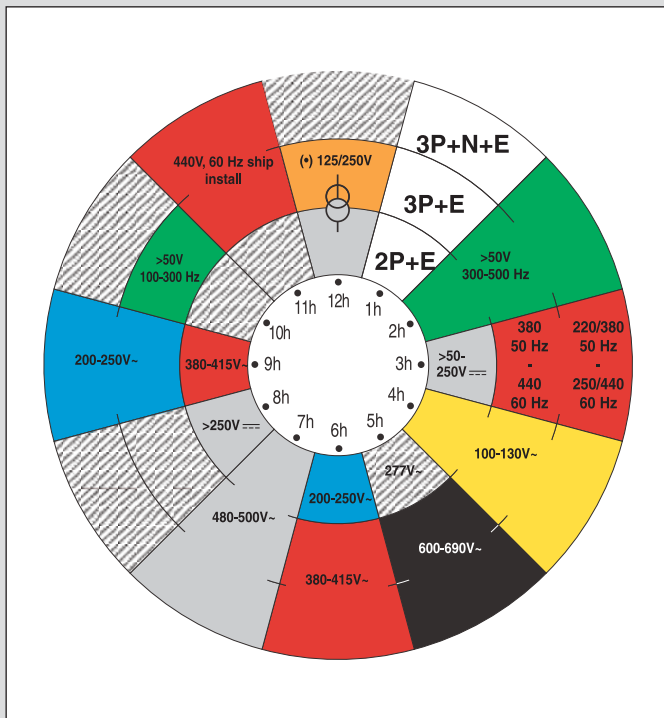
COLOUR CODE

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

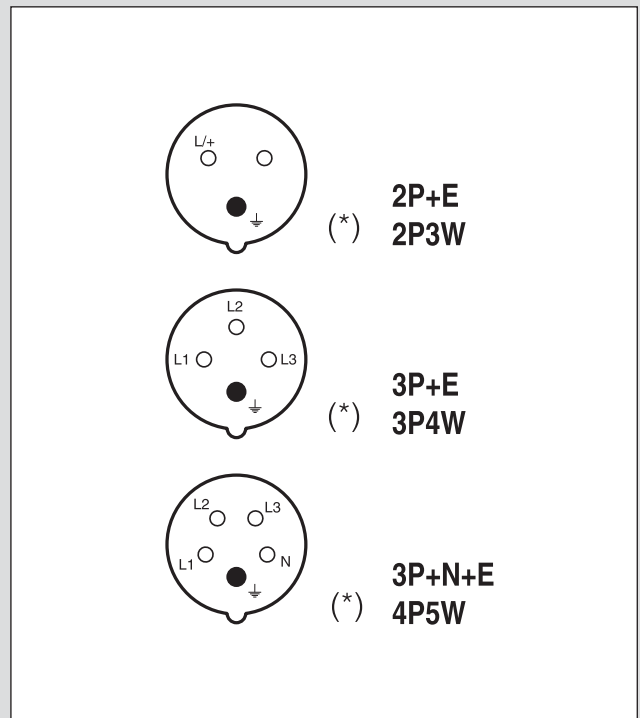
1) Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.

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	63/60A 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)
	Series	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)
	Series	50	380	3	-	
		60	440 (3)	-	-	
		100÷300	> 50	10	-	 (5)
		>300÷500	> 50	2	-	 (5)
5 Contact 4P5W	3P+N+E	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)
	I and II Series	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



EX Products



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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