

# SCAME INDIA PRICE LIST

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**1<sup>st</sup> APRIL  
2021**





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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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.

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ITALIAN EXCELLENCE  
SINCE 1963

## 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	□	Cat. No.		INR Price
						IP44/IP54	IP66/IP67/IP69	
	20A	2P+E	6	200-250	50	213.2033-SF	-	480.00
		2P+E		200-250	10/50	213.2033	-	490.00
		3P+E		380-415	10/50	213.2036	-	740.00
		3P+N+E		346-415	10/50	213.2037	-	940.00
	32A	2P+E	6	200-250	10/40	213.3233	-	840.00
		3P+E		380-415	10/40	213.3236	-	1240.00
		3P+N+E		346-415	10/40	213.3237	-	1130.00
	20A	2P+E	6	200-250	10/40	-	218.2033	920.00
		3P+E		380-415	10/40	-	218.2036	1290.00
		3P+N+E		346-415	10/40	-	218.2037	1430.00
	32A	2P+E	6	200-250	10/40	-	218.3233	1250.00
		3P+E		380-415	10/40	-	218.3236	1670.00
		3P+N+E		346-415	10/40	-	218.3237	1830.00
	63A	2P+E	6	200-250	6/24	-	218.6333	5040.00
		3P+E		380-415	6/24	-	218.6336	5190.00
		3P+N+E		346-415	6/24	-	218.6337	5360.00
	125A	3P+N+E	6	346-415	1/8	-	218.12537	13280.00


□ 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	-	630.00
		2P+E		200-250	10/50	313.2043	-	650.00
		3P+E		380-415	10/50	313.2046	-	1200.00
		3P+N+E		346-415	10/50	313.2047	-	1610.00
	32A	2P+E	6	200-250	10/40	313.3243	-	1830.00
		3P+E		380-415	10/40	313.3246	-	1840.00
		3P+N+E		346-415	10/40	313.3247	-	2120.00







□ 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	1970.00
		3P+E		380-415	10/40	-	318.2046	2030.00
		3P+N+E		346-415	10/40	-	318.2047	2330.00
	32A	2P+E	6	200-250	10/40	-	318.3243	2750.00
		3P+E		380-415	10/40	-	318.3246	2700.00
		3P+N+E		346-415	10/40	-	318.3247	3090.00
	63A	2P+E	6	200-250	6/24	-	318.6343	7460.00
		3P+E		380-415	6/24	-	318.6346	7540.00
		3P+N+E		346-415	6/24	-	318.6347	8040.00
	125A	2P+E	6	346-415	1/8	-	318.12547	22230.00

☐ 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	-	530.00
		3P+E		380-415	10/100	413.2066	-	840.00
		3P+N+E		346-415	10/100	413.2067	-	1130.00
	32A	2P+E	6	200-250	10/50	413.3263	-	770.00
		3P+E		380-415	10/50	413.3266	-	1460.00
		3P+N+E		346-415	10/50	413.3267	-	980.00
	63A	2P+E	6	200-250	6/30	413.6363	-	3720.00
		3P+E		380-415	6/30	413.6366	-	3840.00
		3P+N+E		346-415	6/30	413.6367	-	4160.00
	20A	2P+E	6	200-250	10/100	-	418.2063	780.00
		3P+E		380-415	10/100	-	418.2066	1360.00
		3P+N+E		346-415	10/100	-	418.2067	1730.00
	32A	2P+E	6	200-250	10/50	-	418.3263	1140.00
		3P+E		380-415	10/50	-	418.3266	2000.00
		3P+N+E		346-415	10/50	-	418.3267	2030.00
	63A	2P+E	6	200-250	6/30	-	418.6363	4130.00
		3P+E		380-415	6/30	-	418.6366	4260.00
		3P+N+E		346-415	6/30	-	418.6367	4460.00
	125A	3P+N+E	6	346-415	1/10	-	418.12567	12960.00

☐ 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	-	900.00
		3P+E		380-415	10/40	513.2056	-	1430.00
		3P+N+E		346-415	10/40	513.2057	-	1460.00
	32A	2P+E	6	200-250	10	513.3253	-	1260.00
		3P+E		380-415	10	513.3256	-	1880.00
		3P+N+E		346-415	10	513.3257	-	2280.00
	20A	2P+E	6	200-250	10/40	-	518.2053T	2450.00
		3P+E		380-415	10/40	-	518.2056T	2630.00
		3P+N+E		346-415	10/40	-	518.2057T	3060.00
	32A	2P+E	6	200-250	10	-	518.3253T	3710.00
		3P+E		380-415	10	-	518.3256T	3650.00
		3P+N+E		346-415	10	-	518.3257T	3940.00
	63A	2P+E	6	200-250	4	513.6353T	-	6930.00
		3P+E		380-415	4	513.6356T	-	7080.00
		3P+N+E		346-415	4	513.6357T	-	7420.00
	63A	2P+E	6	200-250	4	-	518.6353T	7420.00
		3P+E		380-415	4	-	518.6356T	7580.00
		3P+N+E		346-415	4	-	518.6357T	7920.00
	125A	3P+N+E	6	346-415	1/4	-	518.12557T	17100.00

□ 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 (*)	740.00
		32A	IP44/IP67	84x106	PG21	10	570.0032 (*)	980.00
	Threaded	63A	IP67	100x110	PG29	6	570.M0163	5220.00

□ Pack/Quantity - Supplied with socket fastening screws. (\*) Suitable for the sealing caps.  
- Screw cap with seal.



## ACCESSORIES



Description			Cat. No.	INR Price
Blank plate for panel cutouts	70x87 mm	25	<b>654.0100</b>	<b>900.00</b>


 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	<b>570.6429</b>	<b>4380.00</b>


 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	<b>409.0429</b>	<b>9040.00</b>
		136x125 Fuse 6.3x32	1/6	<b>409.1429</b>	*
		136x125 MCB	1/6	<b>409.2429</b>	*
		136x125 RCBO	1/6	<b>409.3429</b>	*




 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	-	6020.00
		3P+E		380-415	1/6	400.2086	-	6740.00
		3P+N+E		346-415	1/6	400.2087	-	7290.00
	32A	2P+E	6	200-250	1/6	400.3283	-	7310.00
		3P+E		380-415	1/6	400.3286	-	8310.00
		3P+N+E		346-415	1/6	400.3287	-	9300.00
	20A	2P+E	6	200-250	1/6	-	405.2083	7350.00
		3P+E		380-415	1/6	-	405.2086	8080.00
		3P+N+E		346-415	1/6	-	405.2087	8820.00
	32A	2P+E	6	200-250	1/6	-	405.3283	9520.00
		3P+E		380-415	1/6	-	405.3286	9810.00
	3P+N+E	346-415	1/6	-	405.3287	11840.00		
	63A	3P+N+E	6	346-415	1/6	-	405.6387	22820.00






□ 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	-	6690.00
		3P+E		380-415	1/6	500.2086	-	6740.00
		3P+N+E		346-415	1/6	500.2087	-	7940.00
	32A	2P+E	6	200-250	1/6	500.3283	-	8000.00
		3P+E		380-415	1/6	500.3286	-	8080.00
		3P+N+E		346-415	1/6	500.3287	-	9760.00
	20A	2P+E	6	200-250	1/6	-	505.2083	8460.00
		3P+E		380-415	1/6	-	505.2086	8880.00
		3P+N+E		346-415	1/6	-	505.2087	9950.00
	32A	2P+E	6	200-250	1/6	-	505.3283	11040.00
		3P+E		380-415	1/6	-	505.3286	11800.00
		3P+N+E		346-415	1/6	-	505.3287	12940.00
	63A	2P+E	6	200-250	1/6	-	505.6383	20070.00
		3P+E		380-415	1/6	-	505.6386	21700.00
		3P+N+E		346-415	1/6	-	505.6387	23970.00

□ Pack/Quantity

## ACCESSORIES



	Description		Cat. No.	INR Price
	Surface mounting box IP67	1/6	₹ 572.0310	750.00
	Flush mounting box IP55	1/6	₹ 572.0200	1340.00
	Flame complete with gasket	1/6/60	₹ 572.0220	620.00
	 Pack/Quantity			

	Description		Cat. No.	INR Price
	Blank plate IP67	1/6/72	₹ 654.0120	1160.00
	Blank plate IP67 16A (70x87)	1/6/72	₹ 654.0125	1260.00
	Blank plate IP67 32A (84x106)	1/6/72	₹ 654.0126	1260.00
	 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	-	9390.00
		3P+E		380-415	1/4	567.2086	-	9990.00
		3P+N+E		346-415	1/4	567.2087	-	10700.00
	32A	2P+E	6	200-250	1/4	567.3283	-	11690.00
		3P+E		380-415	1/4	567.3286	-	12380.00
		3P+N+E		346-415	1/4	567.3287	-	13440.00
	20A	2P+E	6	200-250	1/4	-	568.2083	9400.00
		3P+E		380-415	1/4	-	568.2086	10280.00
		3P+N+E		346-415	1/4	-	568.2087	10820.00
	32A	2P+E	6	200-250	1/4	-	568.3283	11700.00
		3P+E		380-415	1/4	-	568.3286	12500.00
		3P+N+E		346-415	1/4	-	568.3287	13500.00
	63A	2P+E	6	200-250	1/4	-	568.6383	23520.00
		3P+E		380-415	1/4	-	568.6386	25310.00
		3P+N+E		346-415	1/4	-	568.6387	27420.00

□ 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	101730.00
		3P+E		380-415	1	-	548.12586	110720.00
		3P+N+E		346-415	1	-	548.12587	122070.00

□ 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	107360.00
		3P+E		380-415	1	-	548.12586-D	116390.00
		3P+N+E		346-415	1	-	548.12587-D	127760.00







□ 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	<b>136.5121-303</b>	<b>1120.00</b>
		1 x two-way switch	32/128	1/32	<b>136.5121-323</b>	<b>1360.00</b>
		1 x bell push	32/128	1/32	<b>136.5121-333</b>	<b>1360.00</b>
	2 gang	1 x 15A British socket without switch	32/128	1/32	<b>136.5122-414</b>	<b>2360.00</b>
	3 gang	1 x 6/16A Indian socket	24/96	1/24	<b>136.5123-429</b>	<b>2930.00</b>
	3 gang	1 x 13A British socket with switch	24/96	1/24	<b>136.5123-413</b>	<b>3030.00</b>
	3 gang	1 x 15A British socket with switch	24/96	1/24	<b>136.5123-414</b>	<b>3420.00</b>


 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	<b>137.6111</b>	<b>5250.00</b>



 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	-	6270.00	
	20A	2	136x125	1/12	-	590.ER2002	6270.00	
	20A	4	136x125	1/12	590.GR2004	-	7430.00	
	20A	4	136x125	1/12	-	590.ER2004	7430.00	
	32A	2	136x125	1/12	590.GR3202	-	6820.00	
	32A	2	136x125	1/12	-	590.ER3202	6820.00	
	32A	4	136x125	1/12	590.GR3204	-	8480.00	
	32A	4	136x125	1/12	-	590.ER3204	8480.00	
	 Emergency Use	40A	2	136x125	1/12	590.GR4002	-	12990.00
		40A	2	136x125	1/12	-	590.ER4002	12990.00
40A		4	136x125	1/12	590.GR4004	-	16560.00	
40A		4	136x125	1/12	-	590.ER4004	16560.00	

\*\*\* 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	-	6750.00
	20A	4	110x150x86	1/12	590.GE2014	-	7770.00
	32A	2	110x150x86	1/12	590.GE3212	-	7230.00
	32A	4	110x150x86	1/12	590.GE3214	-	8670.00
	40A	2	110x150x86	1/12	590.GE4012	-	10610.00
	40A	4	110x150x86	1/12	590.GE4014	-	13290.00
	63A	4	160x220x114	1/5	590.GE6304	-	17860.00
	80A	4	160x220x114	1/5	590.GE8004	-	25700.00
	100A	4	160x220x114	1/5	590.GE10005	-	33290.00
	125A (IP55)	1	308x228x128	1/5	590.GE12505	-	56120.00

# 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	7360.00
	M340	8	340x184x140	14W	1/10	2 (■)	672.2300	7130.00
	M400	12	400x256x140	22W	1/6	1 (▲)	672.3302	9180.00
	M400	12	400x256x140	22W	1/6	2 (●)	672.3300	9300.00
	M400	16	400x328x140	28W	1/4	3 (●)	672.4316	12300.00
	M550	16	550x328x140	28W	1/3	6 (●)	672.5616	16400.00
	M550	24	550x477x140	28W	1/3	8 (●)	672.5822	19010.00

 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	12660.00
	M550	16	550x328x140	28W	1/3	3	🌐 672.5316 (Δ)	16830.00
	M550	16	550x328x140	28W	1/3	4	🌐 672.5416	16980.00

 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

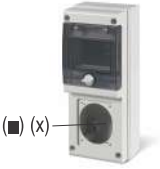
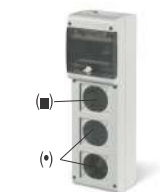
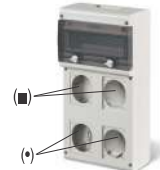
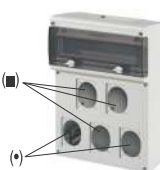
	Module	DIN modules (17,5mm)	Dimensions hxbxp (mm)	Dissipated power (*)		Cat. No.	INR Price
	M135	2	135x76x102	6W	1/24	🌐 672.2002	1920.00
	M190	4	190x112x106	10W	1/16	🌐 672.2004	2340.00
	M190	8	190x184x106	14W	1/10	🌐 672.2008	3470.00
	M250	12	250x256x140	22W	1/9	🌐 672.2012	6770.00
	M250	16	250x328x140	28W	1/6	🌐 672.2016	9040.00

 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	2510.00
 (■) (x) (•)	BLOCK3	6	136x440x105	9W	1/4	3	Ⓜ 632.3500-000	5820.00
 (■) (x) (•)	BLOCK4	11	212x415x105	14W	1/4	4	Ⓜ 632.4500-000	10020.00
 (■) (x) (•)	BLOCK5	14	72x414x110	15W	1/2	5	632.5500-000	10910.00

□ 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	900.00
	Connection Kit suitable for DOMINO IP66	PG21	25	654.0038	620.00
	Connection Kit suitable for DOMINO IP66	PG36	25	654.0040	1470.00


□ 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	<b>633.1010</b>	<b>1820.00</b>
	6	285x145x107	9W	1/12	1x20/32A	<b>633.1013</b>	<b>1950.00</b>
	6	285x145x107	9W	1/12	1x63A	<b>633.1014</b>	<b>2030.00</b>
	11	285x235x107	15W	1/6	Blank Plate	<b>633.2020</b>	<b>3100.00</b>
	11	285x235x107	15W	1/6	2x20/32A	<b>633.2024</b>	<b>3340.00</b>
	11	285x235x107	15W	1/6	2x63A	<b>633.2025</b>	<b>3450.00</b>
	11	285x235x107	15W	1/6	1x20/32A +1x63A	<b>633.2026</b>	<b>3560.00</b>

 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	620.00
	120x80x50	6xø29mm	PG 21	4	1/54	☉ 685.005	690.00
	150x110x70	10xø29mm	PG 21	4	1/40	☉ 685.006 (K1)	1020.00
	190x140x70	10xø38mm	PG 29	4	1/24	☉ 685.007 (K1)	1920.00
	240x190x90	12xø38mm	PG 29 (◆)	4	1/12	☉ 685.008 (K1)	3060.00
	300x220x120	12xø38mm	PG 29 (◆)	4	1/6	☉ 685.009 (K1)	5500.00
	380x300x120	12xø48mm	PG 36 (◆)	4	1/4	☉ 685.010 (K1)	7460.00
	450x370x130	14xø48mm	PG 36 (◆)	6	1/4	☉ 685.011 (K2)	10260.00

☐ 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	570.00
	120x80x50	4	1/42	☉ 686.205	590.00
	150x110x70	4	1/48	☉ 686.206 (K1)	880.00
	190x140x70	4	1/30	☉ 686.207 (K1)	1680.00
	240x190x90	4 (◆)	1/16	☉ 686.208 (K1)	2660.00
	300x220x120	4 (◆)	1/8	☉ 686.209 (K1)	4790.00
	380x300x120	4 (◆)	1/4	☉ 686.210 (K1)	6650.00
	450x370x130	4 (◆)	1	☉ 686.211 (K2)	9340.00

☐ 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

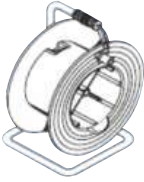
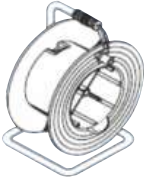
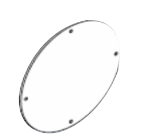

### BOX WITH CABLE SLEEVES AND TERMINAL STRIP - IP55




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 <sup>2</sup>	1/48	689.004.2	760.00
	120x80x50	6xø29mm	PG 21	4	6 poles - 10mm <sup>2</sup>	1/54	689.005.2	780.00
	150x110x70	10xø29mm	PG 21	4	8 poles - 16mm <sup>2</sup>	1/40	689.006.2	1420.00

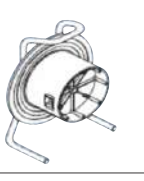
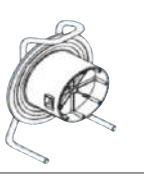



☐ Pack/Quantity


## ROLLER 330 Series

	Product	Custom Size (mm)	No. of Cutouts	Standard Pack	SCAME Cat. No.	INR Price
	Portable Frame with Open Drum	—	—	1	SC92063	10440.00
	Blank Disc	—	—	1	SC92068	1700.00
	Disc with cutouts for 2 Straight Panel Mounting Socket Outlets IEC309 (20A or 32A) Cutout Size : 75x75 mm	75x75mm	2	1	SC92074	1700.00



## 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	35020.00
	Portable Frame with Drum Roller Block 450	—	—	1	SC92066	60630.00
	Blank Disc	—	—	1	SC92088	7680.00
	Disc with cutouts for 4 Straight Panel Mounting Socket Outlets. IEC309 (20A or 32A) Cutout Size : 75x75 mm	75x75mm	4	1	SC92089	7680.00



# 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.

### 1<sup>ST</sup> 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:

### 2<sup>ND</sup> 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.


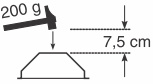
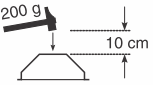
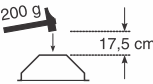
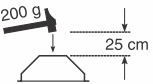
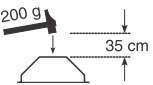
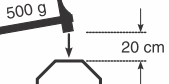
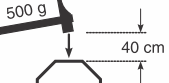
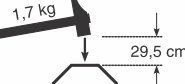
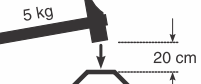

## SUPPLEMENTARY LETTER

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**

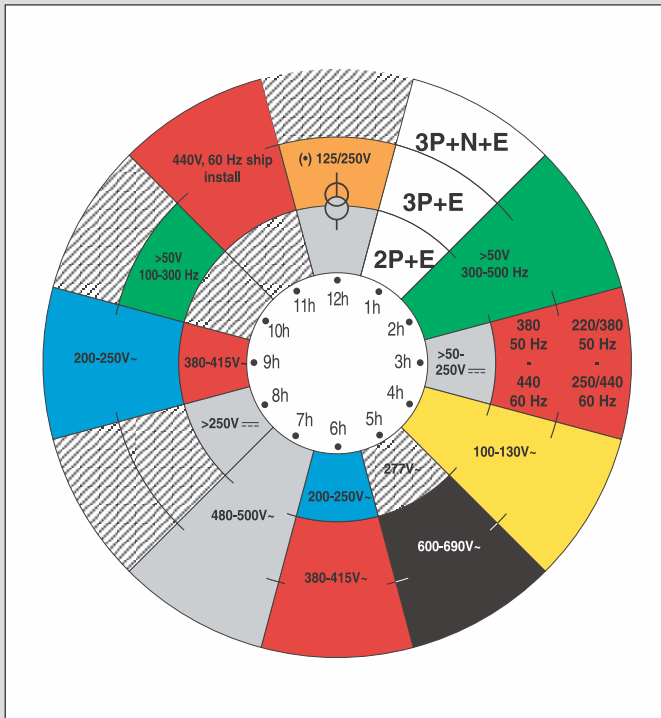
## COLOUR CODE

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 

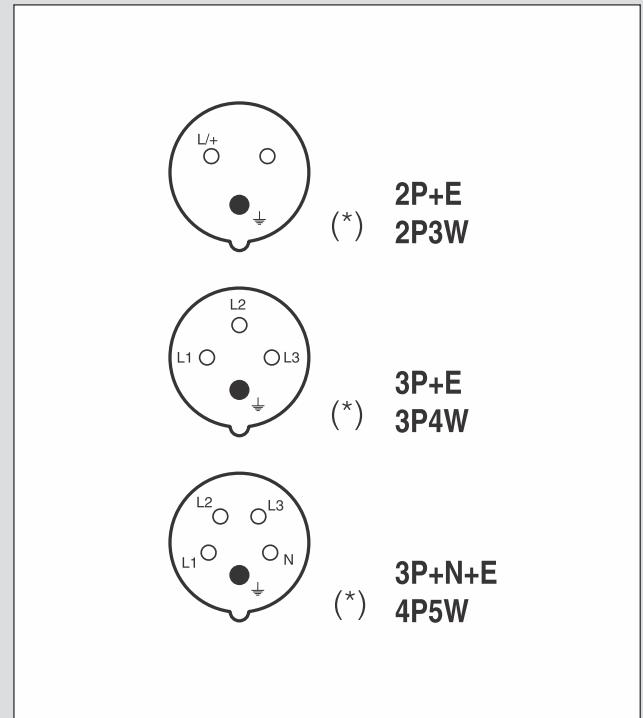
1) Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.

### 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)
	600÷690		5	5	 (2)	
	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

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**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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