

SURFACE MOUNTING INDUSTRIAL SOCKET OUTLETS AND APPLIANCE INLETS WITH REVERSIBLE BASE



REFERENCE STANDARDS

IEC EN 60309-1

IEC EN 60309-2

IEC EN 60309-4

MARKINGS AND DIRECTIVES



QUALITY MARKS



VERSIONS



Surface mounting socket outlets with monobloc body



Appliance inlets with reversible base



Surface mounting socket outlets with reversible base

TECHNICAL CHARACTERISTICS

Rated current:	16A-32A-63A-125A
Rated voltage:	>50÷690V
Frequency:	50÷500Hz, DC
Insulating voltage:	2P+E 500V 3P+E / 3P+N+E 690V
Protection degree:	Base IP44/IP54 Top IP44, IP66/IP67/IP69
Installation temperature:	-25°C +60°C
Enclosure material:	Thermoplastic (Halogen Free)
Colour:	16A - 32A Grey RAL7035 63A - 125A Grey RAL7004
Self extinguishing degree (GWT):	650°C (body) 850°C (socket contact carrier)
Impact resistance (IK degree):	IK08
Insulation class:	Class II (double insulation) □

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited resistance	Resistant	Limited resistance	Resistant	Limited resistance	Not resistant	Not resistant	Limited resistance	Limited resistance	Resistant

Resistance values to chemical agents have to be considered indicative. For further information and specific substances, contact the technical service.



■ WIRING CAPACITY OF THE TERMINALS

Rated current			16A	32A	63A	125A
Cross-section of the connectable conductors	mm²	Min	1	2.5	6	16
		Max	4	10	25	70
Tightening torque	Nm		0.8	0.8	2	10

■ CABLE ENTRIES OPTIMA-BASE

16A				32A	
2P+E		3P+E/3P+N+E		Top	Rear
Top	Rear	Top	Rear		
Threaded open entry 1x M20	Knock-outs 1xM20	Threaded open entry 1x M25	Knock-outs 1xM25	Threaded open entry 1xM32	Knock-outs 1xM32

Threaded rubber cable sleeve supplied.

■ CABLE ENTRIES OPTIMA-TOP 16A-32A

16A				32A	
2P+E ¹⁾		3P+E/3P+N+E		All polarities	
Top/Bottom	Rear	Top/Bottom	Rear	Top/Bottom	Rear
Threaded open entries 2x M20 / 1xM20	Knock-outs 2x M20	Threaded knock-outs 2xM25 / 1xM25	Knock-outs 2x M25	Threaded knock-outs 2xM32 / 1xM32	Knock-outs 2xM32

Reversible base.

IP44 version 2 threaded caps and 1 threaded rubber cable sleeve supplied.

¹⁾ IP66/67 3 version threaded caps supplied.

■ CABLE ENTRIES OPTIMA-TOP 63A-125A

63A		125A	
All polarities		All polarities	
Top	Rear	Top	Rear
Threaded open entry 1xM40	Blank side 2xM40 (max)	Threaded open entry 1xM63	Blank side 2xM63 (max)

Cable gland supplied.

Blank sides with drilling point marks.

