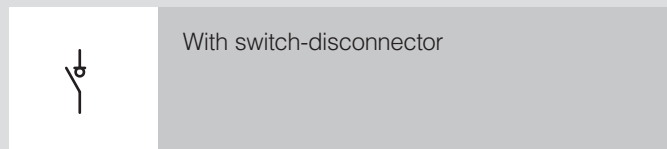


1 PLUGS AND SOCKETS
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SWITCHED INTERLOCKED SOCKET OUTLETS



VERSIONS WITH MECHANICAL INTERLOCK



CABLE ENTRY

Maximum entry with cable glands

Rated current (A)	Single socket		Socket with switchboard		
	Upper	Lower	Upper	Lower	Side
20A / 32A	M32	M32	M32	M32	M32
63A	M40	M40	M40	M40	M32

WIRING OPERATIONS

Wiring capacity of the terminals (mm²)

Rated current (A)	Socket outlets		Plugs	
	Min	Max	Min	Max
20A	1,5	4	1	2,5
32A	2,5	10	2,5	6
63A	6	25	6	16

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	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant

For specific substances please contact our technical service.

REFERENCE STANDARDS

EN 60309-1
Plugs, socket outlets and couplers for industrial purposes.
Part 1: general requirements.

EN 60309-2
Plugs, socket outlets and couplers for industrial purposes.
Part 2: dimensional interchangeability requirements for pin and contact-tube accessories of harmonised configurations.

EN 60309-4
Plugs, socket-outlets and couplers for industrial purposes.
Part 4: Switched socket-outlets and connectors with or without interlock.

TECHNICAL CHARACTERISTICS

Rated current:	20A-32A-63A
Rated voltage:	100÷690V~
Frequency:	50÷60Hz
Insulating voltage:	500/690V~
Protection degree:	IP66/IP67
Operating temperature according to the reference standard:	-25°C +40°C
Minimum operating temperature:	-40°C
Max. operating temperature:	+60°C
Self-extinguishing GW test:	960°C
Self-extinguishing UL94:	V0
Material:	Thermosetting
IK degree at 20°C:	IK10 (20J)
Switch-disconnectors 16A-32A-63A:	COMMAND Series
Fuse:	
16A-32A	gG 10,3x38mm
63A	gG 22x58mm
Colour:	Grey RAL7037

WITHOUT BASE - WITHOUT FUSE HOLDER

402.

402.63

Current rating	No of poles	Hr position	Voltage AC	IP66/IP67
20A	2P+E	6	200-250	402.2083
	3P+E		380-415	402.2086
	3P+N+E		346-415	402.2087
32A	2P+E	6	200-250	402.3283
	3P+E		380-415	402.3286
	3P+N+E		346-415	402.3287
63A	2P+E	6	200-250	402.6383
	3P+E		380-415	402.6386
	3P+N+E		346-415	402.6387

DIMENSIONS

VERSION	A	B	C	D	E	F	G	H	I	L	M	N
2P+E 20A	260	130	360	280	170	164	114,5	7,75	198	31	25	33,5
3P+E 20A	260	130	365	282	175	164	114,5	7,75	198	31	25	33,5
3P+N+E 20A	260	130	390	282	182	164	114,5	7,75	198	31	25	33,5
2/3P+E 32A	260	130	390	285	189	164	114,5	7,75	198	31	25	33,5
3P+N+E 32A	260	130	400	286	185	164	114,5	7,75	198	31	25	33,5
2P+E 63A	380	170	550	420	225	203	150	8,3	310	35	32,5	40
3P+E 63A												
3P+N+E 63A												

(Dimensions in mm)

BASES AND CONSUMER UNIT - IP66/IP67

Description	Module	DIN Module	HxB (mm)	Power dissipation (W)	⊞	16A-32A	63A
Base for one socket	16A-32A	-	260x130	-	1	579.5100	
	63A	-	380x170	-	1		579.5200
Base for one socket with derivation box	16A-32A	-	460x130	9	1	579.5110	
	63A	-	580x170	13	1		579.5210
Base for one socket with consumer unit	16A-32A	6	460x130	9	1	579.5111	
	63A	8	580x170	13	1		579.5211
Base for two sockets with derivation box	16A-32A	-	460x260	16	1	579.5120	
	63A	-	-	-	-		
Base for two sockets with consumer unit	16A-32A	-	460x260	16	1	579.5121	
	63A	-	-	-	-		

- Power dissipation in conformity with CEI 23-48 CEI 23-49.
- IP66/IP67 when coupled with the respective component.

ADVANCE-GRP System

Switched interlocked socket outlets >50V

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PLUGS AND SOCKETS
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■ SURFACE MOUNTING I-DEVICE - IP66 - WITHOUT FUSE HOLDER



Poles	Hz.	Volt	Colour	h.	16A □ 1	32A □ 1	63A □ 1
2P+E	50/60	200-250		6	503.1683	503.3283	503.6383
3P+E	50/60	380-415		6	503.1686	503.3286	503.6386
3P+N+E	50/60	346-415		6	503.1687	503.3287	503.6387



125A □ 1
503.12583
503.12586
503.12587

■ ACCESSORIES



Description	Contacts	Terminals	
Microswitch kit 400V 10A (microswitch + terminal block)	1NO+1NC	4x4 mm ²	579.0125

- Max 2 kit.
- For products with mechanical interlock.

■ SURFACE MOUNTING I-DEVICE - IP66 - WITH FUSE HOLDER



Poles	Hz.	Volt	Colour	h.	16A □ 1	32A □ 1	63A □ 1
2P+E	50/60	200-250		6	503.1683-F	503.3283-F	503.6383-F
3P+E	50/60	380-415		6	503.1686-F	503.3286-F	503.6386-F
3P+N+E	50/60	346-415		6	503.1687-F	503.3287-F	503.6387-F



125A □ 1	125A □ 1	125A □ 1	125A □ 1	125A □ 1
503.12583-F	503.12583-FS	503.12583-M	503.12583-RM	503.12583-T
503.12586-F	503.12586-FS	503.12586-M	503.12586-RM	503.12586-T
503.12587-F	503.12587-FS	503.12587-M	503.12587-RM	503.12587-T

Rated voltage >50V

With switch-disconnector

With switch-disconnector and fuse
Fuses not included

With fuse and switch-disconnector
Fuses not included

With molded case circuit breaker with thermal magnetic trip unit

With molded case circuit breaker with thermal magnetic and residual current release trip units

Contactor operated by microswitch
Microswitch already provided