

INDUSTRIAL SWITCHED INTERLOCKED SOCKET OUTLETS >50V



REFERENCE STANDARDS

IEC EN 60309-1

IEC EN 60309-2

IEC EN 60309-4

MARKINGS AND DIRECTIVES



QUALITY MARKS



VERSIONS

	Without fuse carrier
	With fuse carrier
	With DIN rail (6 modules)

TECHNICAL CHARACTERISTICS

Rated current:	16A-32A-63A
Rated voltage:	>50÷690V
Frequency:	50/60Hz – 60Hz – 100-300Hz – >300 – 500Hz – DC
Insulating voltage:	2P+E 500V 3P+E / 3P+N+E 690V
Protection degree:	IP44 - IP66/IP67
Installation temperature:	-25°C +60°C
Enclosure material:	Thermoplastic (Halogen Free)
Colour:	Grey RAL7035
Self extinguishing degree (GWT):	650°C (body) 850°C (socket contact carrier) 960°C (switch)
Impact resistance (IK degree):	IK07
Fuses:	16A – 32A gG 10,3x38mm 63A Neozed type D02
Insulation class:	Class II (double insulation) □
Auxiliary contacts:	Max 2 auxiliary contacts
Handle lock (with padlock):	OFF and ON
Padlock arch diameter to be used:	5mm

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.



■ SWITCH-DISCONNECTOR TECHNICAL CHARACTERISTICS

Switch type				Y1		Y2	
Switched interlocked socket outlet rated current				16A	32A	63A	
Conventional enclosed thermal current I _{th}				A	16	32	63
Rated operational current I _e	AC21A	Resistive loads, including moderate overloads	415V	A	16	32	63
			500V	A	16	32	63
			690V	A	16	32	63
	AC22A	Mixed resistive and inductive loads, including moderate overloads	415V	A	16	32	63
			500V	A	16	32	63
			690V	A	16	32	63
	AC23A	Switching of motor loads or other highly inductive loads (3 phase/3 pole)	415V	A	16	32	63
			500V	A	16	32	40
			690V	A	16	25	30
	AC3	Squirrel-cage motor: starting, switching off motor during running (3 phases/3 poles)	400V	A	16	28.5	40
			600V	A	12	20	25
	DC22A ¹⁾	Mixed resistive and inductive loads, including moderate overloads	250V	A	16	32	63
			600V	A	10	10	-
Rated operational power according to utilization category at 415V	AC23A ²⁾	Switching of motor loads or other highly inductive loads (3 phase/3 pole)	415V	kW	7.5	15	33

For further technical information on the switches, refer to the characteristics of the COMMAND and ISOLATORS series.

¹⁾ 4P versions with poles in series.

²⁾ This value is provided as an indication considering the most critical inductive load condition and may vary according to the specifications provided by the motor manufacturer.

■ CABLING CAPACITY OF THE ENTRY TERMINALS (SWITCH)

Rated current			16A	32A	63A
Cross-section of the connectable conductors	mm	Min	1.5	1.5	6
		Max	10	10	35
Tightening torque	Nm		0.8	0.8	3.6

■ CABLE ENTRIES

16A-32A			63A	
Compact	Large		Large	
Top	Top	Bottom	Top	Bottom
Threaded open entry 1xM25	Blank sides with drilling point marks max 1xM40	Blank sides with drilling point marks max 1xM32	Blank sides with drilling point marks max 1xM40	Blank sides with drilling point marks max 1xM32

Threaded cap (only Compact) and cable gland supplied.

