

COMPACT 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

	Surface mounting without fuse carrier
	Surface mounting with fuse carrier
	Flush mounting without fuse carrier
	Flush mounting with fuse carrier

TECHNICAL CHARACTERISTICS

Rated current:	16A-32A-63A
Rated voltage:	>50÷690V
Frequency:	50÷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):	IK08
Fuses:	16A-32A gG 10,3x38mm
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:	4.7mm

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	
Thermal current		I_{the}	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	
Top	Bottom	Top	Bottom
Blank side M20/M25	Blank side M20/M25	Blank side max M40	Blank side max M32

Blank sides with drilling point marks.

