

INDUSTRIAL SWITCHED INTERLOCKED SOCKET OUTLETS 125A



REFERENCE STANDARDS

IEC EN 60309-1

IEC EN 60309-2

IEC EN 60309-4

MARKINGS AND DIRECTIVES



QUALITY MARKS



VERSIONS



Without DIN rail



With DIN rail

TECHNICAL CHARACTERISTICS

Rated current:	125A
Rated voltage:	>50 – 690V
Frequency:	50/60Hz
Insulating voltage:	2P+E 500V 3P+E / 3P+N+E 690V
Protection degree:	IP66/IP67/IP69
Installation temperature:	-25°C +60°C
Enclosure material:	Thermoplastic (Halogen Free)
Colour:	Grey RAL7004
Self extinguishing degree (GWT):	650°C (body) 850°C (socket contact carrier) 960°C (switch)
Impact resistance (IK degree):	IK09
Insulation class:	Class II (double insulation) <input checked="" type="checkbox"/>
Auxiliary contacts:	Max 1 auxiliary contacts
Handle lock (with padlock):	OFF and ON
Padlock arch diameter to be used:	8mm
DIN modules (consumer unit version):	8 modules DIN

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				FR3	
Switched interlocked socket outlet rated current				125A	
Conventional enclosed thermal current I_{the}			A	160	
Rated operational current I_e	AC21A	Resistive loads, including moderate overloads	415V	A	160
			500V	A	160
			690V	A	160
	AC22A	Mixed resistive and inductive loads, including moderate overloads	415V	A	160
			500V	A	160
			690V	A	160
	AC23A	Switching of motor loads or other highly inductive loads (3 phase/3 pole)	415V	A	160
			500V	A	40
			690V	A	30
Rated operational power according to utilization category at 415V	AC23A¹⁾	Switching of motor loads or other highly inductive loads (3 phase/3 pole)	415V	kW	69

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

¹⁾ 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			125A
Cross-section of the connectable conductors	mm	Min	10
		Max	70
Tightening torque	Nm		6

■ CABLE ENTRIES

125A	
Top	Bottom
Blank sides with drilling point marks max 1xM63	Threaded open entry max 1xM63

Threaded cap and cable gland supplied.

