

### ■ INDUSTRIAL SWITCHED INTERLOCKED **SOCKET OUTLETS 125A**





### **■** REFERENCE STANDARDS

IEC EN 60309-1

IEC EN 60309-2

IEC EN 60309-4

### MARKINGS AND DIRECTIVES









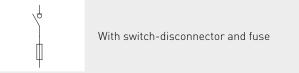
### QUALITY MARKS

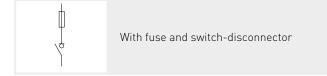




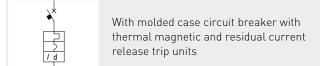
# **■ VERSIONS WITH MECHANICAL INTERLOCK**

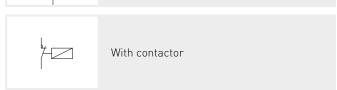












### **■ TECHNICAL CHARACTERISTICS**

Rated current:	125A
Rated voltage:	>50÷690V
Frequency:	50/60Hz - 60Hz - 100-300Hz - >300 - 500Hz
Insulating voltage:	2P+E 500V 3P+E / 3P+N+E 690V
Protection degree:	IP66
Installation temperature:	-40°C +60°C
Enclosure material:	Thermosetting GRP (Halogen Free)
Colour:	Grey RAL 7037
Self extinguishing degree (GWT):	960°C (body) 960°C (socket contact carrier) 960°C (switch)
Self extinguishing degree according to UL94:	Body V0
Impact resistance (IK degree):	IK10 (-40°C)
Fuses:	NH 00
Insulation class:	Class II (double insulation) 🗆
Auxiliary contacts:	Max 2 auxiliary contacts
Handle lock (with padlock):	OFF and ON
Max diameter of the padlock arch for handle padlocking:	6,3mm

#### ■ BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Acids Saline		ds	Bases		Solvents				Mineral	UV
solution	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol	oil rays	
Resistant	Limited resistance	Resistant	Limited resistance	Resistant						



### ■ SWITCH-DISCONNECTOR TECHNICAL CHARACTERISTICS

Switch type					FR3
Switched interlocked socket outlet rated current					125A
Convention	al enclosed	thermal current <b>Ithe</b>	160		
				А	160
	AC21A	Resistive loads, including moderate overloads	500V	А	160
Jac	lal	overtodds	690V	А	160
Rated operational current le	ation	Mixed resistive and inductive loads, including moderate overloads	415V	А	160
ed operatic current le	AC22A		500V	А	160
cur			690V	А	160
Ba		Switching of motor loads or other highly inductive loads	415V	А	160
	AC23A		500V	Α	40
	(3 phase/3 pole)	690V	А	30	
Rated operational power according to utilization category at 415V	Switching of motor loads or other  AC23A¹¹ 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.

### **■ MCCB AND RCD DEVICE TECHNICAL CHARACTERISTICS**

Switch type			ABB Tmax T1B
Rated current	In	А	125
Rated voltage	Ur	V	690
Rated impulse withstand voltage	Uimp	kV	8
Rated service shortcircuit breaking capacity	lcs	kA	18
Ultimate shortcircuit breaking capacity	lcu	kA	18
RCD device type			RC221/1 (type A)
Adjustable release		А	0.03-0.3-3

### ■ CABLING CAPACITY OF THE ENTRY TERMINALS (SWITCH)

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

## **CABLE ENTRIES**

125A				
Тор	Bottom			
Blank side	Blank side			
max M63	max M63			

Blank sides with drilling point marks.

<sup>1)</sup> 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.