ADVANCE2 SERIES

VERSIONS



INDUSTRIAL SWITCHED INTERLOCKED SOCKET OUTLETS >50V

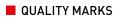


REFERENCE STANDARDS

IEC EN 60309-1
IEC EN 60309-2
IEC EN 60309-4

MARKINGS AND DIRECTIVES







TECHNICAL CHARACTERISTICS

Padlock arch diameter to be used: 5mm

		Rated current:	16A-32A-63A
100		Rated voltage:	>50÷690V
	Without fuse carrier	Frequency:	50/60Hz - 60Hz - 100-300Hz - >300 - 500Hz - DC
		Insulating voltage:	2P+E 500V 3P+E / 3P+N+E 690V
1.		Protection degree:	IP44 - IP66/IP67
-	With fuse carrier	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)
100	With DIN rail (6 modules)	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

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline	Acids		Bases		Solvents			Mineral	UV	
solution	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol	oil	rays
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			Y	Y2			
Switched in	terlocked s	ocket outlet rated current	16A	32A	63A		
Convention	al enclosed	thermal current Ithe Ithe	16	32	63		
	AC21A	Resistive loads, including moderate overloads	415V	А	16	32	63
			500V	А	16	32	63
			690V	А	16	32	63
		Mixed resistive and inductive loads, including moderate overloads	415V	А	16	32	63
_	AC22A		500V	А	16	32	63
elona			690V	А	16	32	63
erat ent le	AC23A	Switching of motor loads or other highly inductive loads (3 phase/3 pole)	415V	А	16	32	63
Rated operational current le			500V	А	16	32	40
			690V	А	16	25	30
	AC3	Squirrel-cage motor: starting, switching off motor during running (3 phases/3 poles)	400V	А	16	28.5	40
			600V	А	12	20	25
	DC22A ¹⁾	Mixed resistive and inductive loads, including moderate overloads	250V	А	16	32	63
			600V	А	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		Min	1.5	1.5	6
connectable conductors	mm	Max	10	10	35
Tightening torque	Nm		0.8	0.8	3.6

CABLE ENTRIES

	16A-32A	63A			
Compact	Lai	rge	Large		
Тор Тор		Bottom	Тор	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.

m