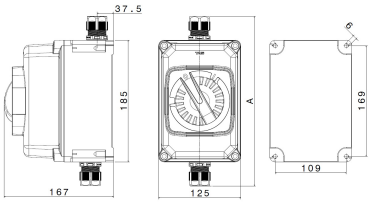
CAM TAIS-EX ISOLATOR SWITCH IN THERMOSETTING GRP 4X16A EX CAT. 2D 3G

SERIES CAM-Ex
CMP_INT
CODE 290164EX



Datasheet

Electrical characteristics

Rated current	16A
Supply Voltage	690V~ 50/60Hz
Poles	4P
Rated insulation voltage	690 V
Insulation Class	II
CAM layout	3
Function Apparatus Control	One way switches
Type of protection	None

Mechanical characteristics

Manufacturing material	Palazzoli Thermosetting GRP
Treatment type	-
Surface finishing	-
Color	Black RAL 9005
Execution	Wall mounting
Dimensions	185X125X167 mm
Depth	-
Front-plate dimension	-
Hole type	M25
IP Protection degree	IP66
Additional IPdegree protection	-
Shock resistance	4J (IEC 60079-0)
Resistance to Glow wire	960°C
Flame rating according UL94	V-0
Corrosivity category	-
Net Weight	1.6 KG
Working Environment Temp.	Min: -40°C ;Max: +55°C
Warehousing Temperature	Min: -50°C ;Max: +80°C

Technical data switch

Thermal current	16 A
Rated short-circuit current	10 kA
Terminals type	Screw - indirect clamping
Conductors section (Cu)	Min: 1 mm² ;Max: 10 mm²
Terminal tightening torque	2 Nm
Auxiliary status contacts	-
Padlockable handle	3 locks Ø8 mm max

Operating category

Categoria Rating	Tensione Voltage	Corrente / Potenza Current / Power
AC-22A	110 V	16 A
	230 V	16 A
	400 V	16 A
	500 V	16 A
AC-23A	110 V	16 A
	230 V	16 A
	400 V	16 A
	500 V	16 A
AC-23A	110 V	2.4 kW
	230 V	5.1 kW
	400 V	8.9 kW
	500 V	11.1 kW

Atex characteristics

ATEX application zone	Zones 2-21-22
Dust Atex execution (Tmax1)	II 2D - Ex tb IIIC T70°C Db
Gas Atex execution (Tmax1)	II 3G - Ex ec nC IIC T6 Gc

Reference Standards and Directives

Certification and approval marks	EX, IECEx, CE
Directives	2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/34/EU (ATEX)
Reference Standards	EN 60079-15:2010 , EN 60079-31:2014, EN 60079-7:2015, EN 60079-7:2015/A1:2018, EN IEC 60079-0:2018, EN IEC 60947-1:2021, EN IEC 60947-1:2021/AC:2023-01, EN IEC 60947-3:2021, EN IEC 60947-3:2021/AC:2021-11, EN IEC 63000:2018

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