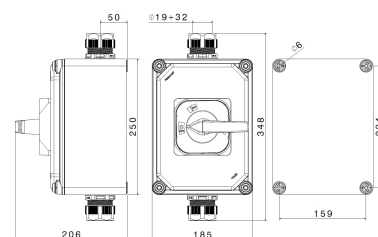




SERIES CAM-Ex
CMP_INT
CODE 290103EX



Datasheet

Electrical characteristics

Rated current	100A
Supply Voltage	690V~ 50/60Hz
Poles	3P
Rated insulation voltage	690 V
Insulation Class	II
CAM layout	2
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	250X185X206 mm
Depth	-
Front-plate dimension	-
Hole type	M40
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	3.5 KG
Working Environment Temp.	Min: -40°C ;Max: +40°C
Warehousing Temperature	Min: -50°C ;Max: +80°C

Technical data switch

Thermal current	100 A
Rated short-circuit current	5 kA
Terminals type	Screw - indirect clamping
Conductors section (Cu)	Min: 6 mm ² ;Max: 35 mm ²
Terminal tightening torque	3 Nm
Auxiliary status contacts	-
Padlockable handle	2 locks Ø4,5 mm max

Operating category

Categoria Rating	Tensione Voltage	Corrente / Potenza Current / Power
AC-22A	230 V	100 A
	400 V	100 A
	500 V	100 A
	690 V	100 A
AC-23A	230 V	63 A
	400 V	63 A
	500 V	63 A
	690 V	63 A
AC-23A	230 V	15.9 kW
	400 V	27.7 kW
	500 V	34.6 kW
	690 V	47.8 kW

Atex characteristics

ATEX application zone	Zones 2-21-22
Dust Atex execution (Tmax1)	II 2D - Ex tb IIIC T85°C Db
Gas Atex execution (Tmax1)	II 3G - Ex ec nC IIC T4 Gc

Reference Standards and Directives

Certification and approval marks EX, CE, IECEx

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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