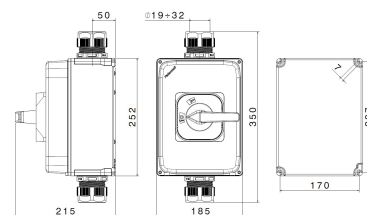




**SERIES CAM-Ex**  
**CMP\_INT**  
**CODE 270103EX**



### Datasheet

#### Electrical characteristics

Rated current	100A
Supply Voltage	690V~ 50/60Hz
Poles	3P
Rated insulation voltage	690 V
Insulation Class	I
CAM layout	2
Function Apparatus Control	One way switches
Type of protection	None

#### Mechanical characteristics

Manufacturing material	Marine aluminium alloy (EN 44300)
Treatment type	Fluorozirconic passivation
Surface finishing	Non-toxic polyester paint anti UV curing in the oven
Color	Black RAL 9005
Execution	Wall mounting
Dimensions	252X185X215 mm
Depth	-
Front-plate dimension	-
Hole type	M40
IP Protection degree	IP66
Additional IPdegree protection	-
Shock resistance	7J (IEC 60079-0)
Resistance to Glow wire	-
Flame rating according UL94	-
Corrosivity category	Equivalent to C5(M)/C4(H) (ISO 12944)
Net Weight	2.83 KG
Working Environment Temp.	Min: -40°C ;Max: +30°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 <sup>2</sup> ;Max: 35 mm <sup>2</sup>
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 T65°C Db
Gas Atex execution (Tmax1)	II 3G - Ex ec nC IIC T5 Gc

#### Reference Standards and Directives

Certification and approval marks	CE, EX, 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

The images are purely indicative. Palazzoli reserves the right to make changes without notice.