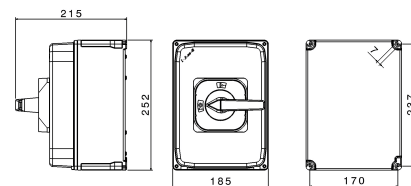




SERIES CAM
CMP_INT
CODE 272503



Datasheet

Electrical characteristics

Rated current	100A
Supply Voltage	690V~ 50/60Hz
Poles	4P
Rated insulation voltage	690 V
Insulation Class	I
CAM layout	3
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	Blue RAL 5012 (Cover), Grey RAL 7035 (Base)
Execution	Wall mounting
Dimensions	252X185X215 mm
Depth	-
Front-plate dimension	-
Hole type	Window type F3
IP Protection degree	IP66/IP67
Additional IPdegree protection	-
Shock resistance	IK10 according to IEC/EN 62262
Resistance to Glow wire	960°C (Switch)
Flame rating according UL94	V-0 (Switch)
Corrosivity category	Equivalent to C5(M)/C4(H) (ISO 12944)
Net Weight	5.12 KG
Working Environment Temp.	Min: -50°C ;Max: +60°C
Warehousing Temperature	Min: -50°C ;Max: +80°C

Technical data switch

Thermal current	100 A
Rated short-circuit current	10 kA
Terminals type	Screw - indirect clamping
Conductors section (Cu)	Min: 10 mm ² ;Max: 35 mm ²
Terminal tightening torque	3 Nm
Auxiliary status contacts	Max 2 (optional)
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 / 20,1 kW
	400 V	63 A / 34,9 kW
	500 V	63 A / 43,6 kW
	690 V	63 A / 60,2 kW
AC-3	230 V	40 A / 12,7 kW
	400 V	40 A / 22,2 kW
	500 V	40 A / 27,7 kW
	690 V	40 A / 38,2 kW

Reference Standards and Directives

Certification and approval marks CE, UKCA

Directives 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/35/EU (LVD)

Reference Standards EN 60947-1:2007, EN 60947-1:2007/A1:2011, EN 60947-1:2007/A2:2014, EN 60947-3:2009, EN 60947-3:2009/A1:2012, EN 60947-3:2009/A2:2015, EN IEC 63000:2018

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