



**SERIES CAM-ST  
STAR DELTASTARTER**  
**CODE 219123**



### Datasheet

#### Electrical characteristics

Rated current	12A
Supply Voltage	- 50/60Hz
Poles	3P
Rated insulation voltage	690 V
Insulation Class	-
CAM layout	13
Function Apparatus Control	Star/Delta starters
Type of protection	-

#### Mechanical characteristics

Manufacturing material	High resistance technopolymer
Treatment type	-
Surface finishing	-
Color	-
Execution	Blackplane
Dimensions	67X67 mm
Depth	72
Front-plate dimension	67x67
Hole type	-
IP Protection degree	IP20
Additional IPdegree protection	IP65 front plate
Shock resistance	-
Resistance to Glow wire	960°C
Flame rating according UL94	V-0
Corrosivity category	-
Net Weight	0.3 KG
Working Environment Temp.	Min: -25°C ;Max: +60°C
Warehousing Temperature	Min: -40°C ;Max: +80°C

#### Technical data switch

Thermal current	12 A
Rated short-circuit current	10 kA
Terminals type	Screw - indirect clamping
Conductors section (Cu)	Min: 1.5 mm <sup>2</sup> ;Max: 6 mm <sup>2</sup>
Terminal tightening torque	1,5 Nm
Auxiliary status contacts	-
Padlockable handle	-

#### Operating category

Categoria Rating	Tensione Voltage	Corrente / Potenza Current / Power
AC-22A	230 V	15 A
	400 V	12 A
	500 V	12 A
AC-23A	690 V	12 A
	230 V	10 A
	400 V	10 A
	500 V	6 A
AC-23A	600 V	6 A
	230 V	3.2 kW
	400 V	5.5 kW
	500 V	4.2 kW
AC-3	600 V	5.0 kW
	230 V	2.5 kW
	400 V	4.4 kW
	500 V	4.2 kW
	600 V	5.7 kW

#### Reference Standards and Directives

Certification and approval marks IMQ, UKCA, CE, CB IMQ

Directives 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

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