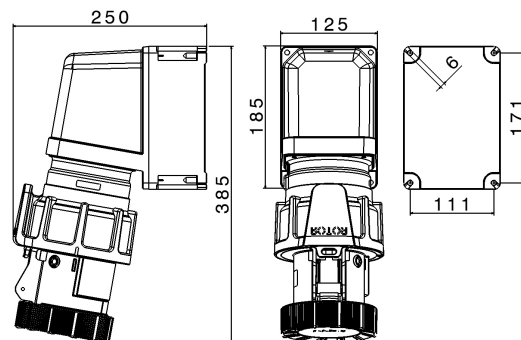




**SERIES ROTOR
ROTOSWITCH**
CODE 416446



Datasheet

Electrical characteristics

Rated current	125A
Supply Voltage	400V 50/60Hz ●
Poles	3P+N+ $\frac{1}{2}$
Clock Position	6h
Rated insulation voltage	690 V
Insulation Class	II
Type of protection	-
Signal plug inserted	1 contact pilot

Mechanical characteristics

Manufacturing material	High resistance technopolymer
Treatment type	-
Surface finishing	Grip in non-slip rubber
Color	Grey RAL 7046, Blue RAL 5015
Width	-
Execution	Wall mounting
Hole type	Cable clamp (20 to 50mm cables)
IP Protection degree	IP66/IP67
Additional IPdegree protection	IP69 - IEC 60529
Shock resistance	IK10 according to IEC/EN 62262
Resistance to Glow wire	850°C (Casing), 960°C (Live contacts)
Flame rating according UL94	V-2 (Casing), V-0 (Live contacts)
Corrosivity category	-
Net Weight	3.25 KG
Working Environment Temp.	Min: -40°C ;Max: +60°C
Warehousing Temperature	Min: -50°C ;Max: +90°C

Technical data switch

Thermal current	125 A
Rated short-circuit current	10 kA
Terminals type	Screw - indirect clamping
Conductors section (Cu)	Min: 16 mm ² ;Max: 70 mm ²
Terminal tightening torque	12 Nm
Auxiliary status contacts	Max 1 (optional)
Padlockable handle	1 lock Ø6 mm max

Operating category

Categoria Rating	Tensione Voltage	Corrente / Potenza Current / Power
AC-22A	230 V	125 A
	400 V	125 A
	500 V	125 A
	690 V	125 A
AC-23A	230 V	125 A
	400 V	125 A
	500 V	125 A
	690 V	125 A
AC-23A	230 V	39.8 kW
	400 V	69.3 kW
	500 V	86.6 kW
	690 V	119.5 kW

Reference Standards and Directives

Certification and approval marks NYCE COLOMBIA, UKCA, CE

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

Reference Standards EN 60309-1:1999, EN 60309-1:1999/A1:2007, EN 60309-1:1999/A1AC:2014, EN 60309-1:1999/A2:2012, EN 60309-2:1999, EN 60309-2:1999/A1:2007, EN 60309-2:1999/A2:2012, EN 60309-4:2007, EN 60309-4:2007/A1:2012, EN IEC 63000:2018

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