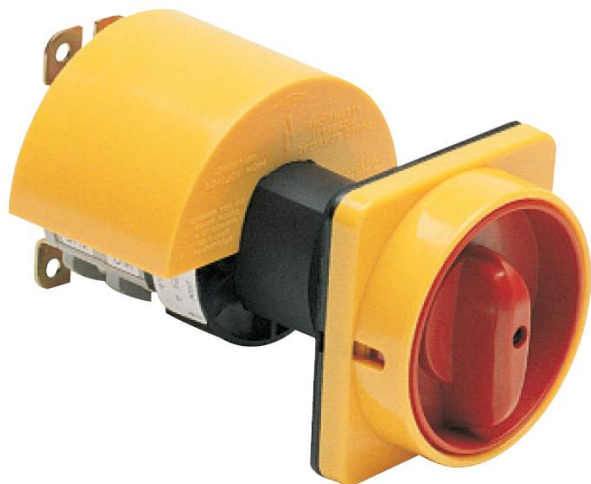


Cod. CA10000G3LE4

Standard and Approvals

- Switch according to IEC/EN 60947-3
- Certified UL60947-4-1A and CAN/CSA C22.2 No. 60947-4-1-07
- Suitable as Manual Motor Controller



(purely indicative picture)

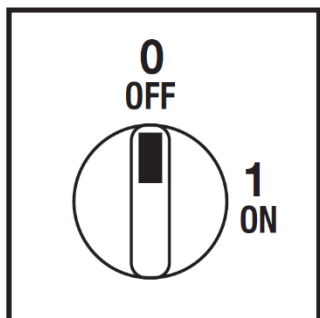
Technical characteristics

- ON-OFF switch 3 pole with padlockable handle
- IP00 Protection degree
- Rated operational current Ie: 115A (AC-21A)
- Rated thermal current Ith: 115A
- Rated insulation voltage Ui: 690V
- Panel mounting
- Switching angle: 90°
- Self-extinguishing thermosetting/thermoplastic class V2 housing
- Assembled with metal shaft and threaded stud bolts to ensure maximum operating reliability
- Positive opening double break contacts, made of silver and alloy

Technical characteristics: Plate and knob

- Yellow plate 105x105mm and red padlockable knob (max 3 padlocks)

Positions



Electrical diagram



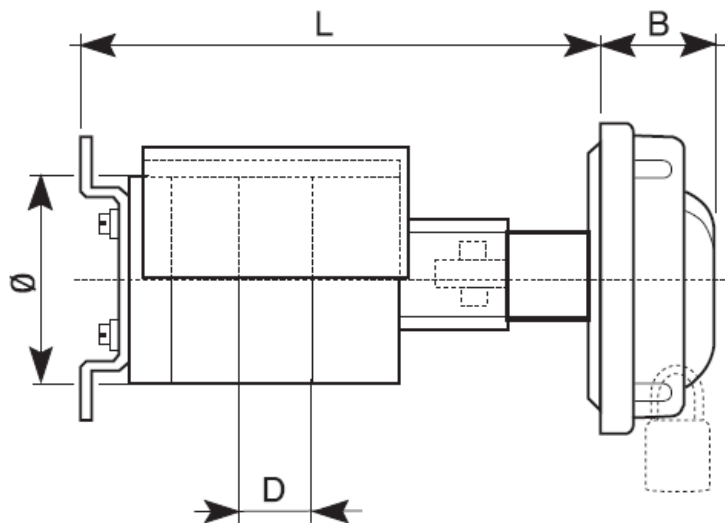
Electrical function

	0							CR	90°
	1	X	X	X				CA	
Contact		1	2	3	4	5	6	7	8
Element		1			2			CQ	
		Angle							

Cod. CA10000G3LE4

Measures in mm (in)

Dimensions



CA 100

D = 30

1.18

Ø = 110

4.33

L (mm)

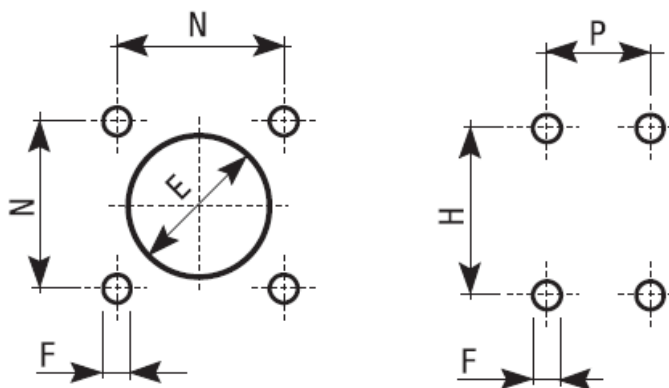
182 - 186

L (in)

7.16 - 7.32

	B (mm)
LE3-LN3	44
LE4-LN4	62

Drilling templates



Misure (mm)

cod.	N	E	F	H	P
LE3/LN3	65÷85	40	5,3	84	26
LE4/LN4	94÷110	50	5,3	94÷110	94÷110

Cod. CA1000G3LE4

Technical data IEC 947-3 EN 60947-3			
Rated insulation voltage	Ui	V	690
Rated operating voltage	Ue	V	690
Rated impulse withstand voltage	Uimp	kV	6
Rated thermal current for open switch	Ith	A	115
Rated thermal current for enclosed switch	Ithe	A	100
Rated operation frequency		Hz	50/60
Power dissipation for each pole		W	4,7
Rated operating current			
AC-21A Switching resistive loads, including moderate overloads	Ie	A	115/110 ⁵
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads	Ie	A	110
AC-20A Connecting and disconnecting under no loads conditions			-
Rated operating power			
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole	230V	Kw (A)	30 (95)
	400V	Kw (A)	45 (85)
	500V	Kw (A)	30 (40)
	690V	Kw (A)	-
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole	110V	Kw (A)	9 (102)
	230V	Kw (A)	15 (82)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole	230V	Kw (A)	22 (70)
	400V	Kw (A)	37 (67)
	500V	Kw (A)	30 (40)
	690V	Kw (A)	-
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole	110V	Kw (A)	7,5 (85)
	230V	Kw (A)	11 (60)
	400V	Kw (A)	-
AC-4 Squirrel cage motors: starting, pluggign, inching	230V	Kw (A)	7,5 (85)
	400V	Kw (A)	11 (20)
AC-15 Control of a.c electromagnetic loads	230V	A	-
	400V	A	-
Rated breaking capability in AC-23A (cos φ=0,45)	230V	A	760
	400V	A	680
Short circuit protection			
Rated short time withstand current	Icw	A	1500
Rated short-circuit make capacity	Icm	A	3000
Rated conditional short-circuit current	-	kA	15
With fuses class gG	500V	A	125
Technical data UL/CSA			
Rated operating voltage	Ue	UL/CSA V	600/600
General use current	Ie	UL/CSA A	125/100
Short circuit rating @600Vac		Arms	-
Fuse size (Class RK5, 600Vac, 200kA A.I.C.)		A	-
Rated operating power			
1 phase - 2 pole	120V	Hp (A)	10 (100)/5
	240V	Hp (A)	15 (68)/12
3 phase - 3 pole	200V	Hp (A)	20 (62,1)/-
	240V	Hp (A)	25 (68)/24
	480V	Hp (A)	40(52)/50
	600V	Hp (A)	50(52)/65
Mechanical characteristics			
Mechanical life		Cycles x 10 ⁶	0,3
		Cycles/hr	120
Connection according to IEC 9471-1 and EN 50947-1 (Power contacts)			
Connecting capability	With flexible wires	Min-Max	mm ²
		Min-Max	AWG
	With solid wires	Min-Max	mm ²
Connection terminal screw dimensions		Type	M8
Screw tightening torque		Nm	2,8
Protection degree IEC 529 EN 60529			
Terminals		IP	00
Ambient conditions			
Operating ambient temperature		°C	-25 ÷ +55
Storage ambient temperature		°C	-30 ÷ +70
Withstand to constant humid according to IEC 60068			2-78
Withstand to cyclic humid according to IEC 60068			2-30

Notes:
⁵ = at 500V