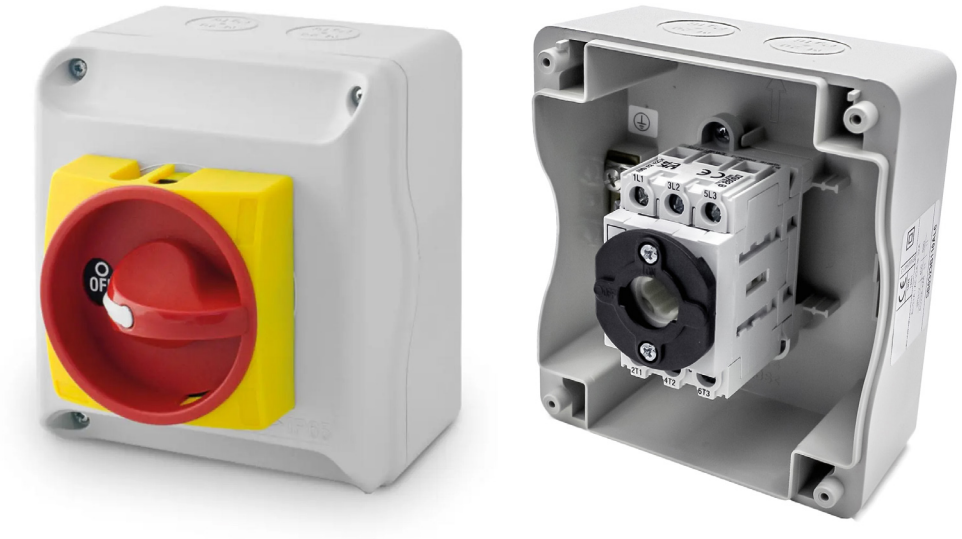
SB0323B110AL6 32 Amp Enclosed Disconnect Switch



The SB0323B110AL6 32 Amp Enclosed Motor Disconnect Switch is a 3-pole solution for 2–20 HP motors, offering reliable ON-OFF control with a 90° switching angle. Housed in a durable ABS thermoplastic enclosure with IP65/NEMA 4 protection, it features positive opening double-break silver alloy contacts, a yellow 48x48mm plate with red padlockable knob (up to 3 padlocks), and a front-drive cover interlock in the "ON" position. Rated for 32A operational and thermal current and 690V insulation voltage, it secures easily with four screws (80x98mm) for safe, dependable motor isolation in demanding industrial environments.

Key Features:

- ON-OFF 3P
- ABS double insulation thermoplastic enclosure
- Rated operational current In: 32A
- Rated thermal current Ith: 32A
- Rating insulation voltage: 690V
- Positive opening double break contacts, silver alloy made
- Yellow plate 48x48mm and red padlockable knob (max. 3 padlocks)
- Switching angle: 90°
- Cover interlock in "ON" position
- Front drive
- IP65 Protection degree
- Fixing enclosure: 4 screw at 80x98mm

Technical Data IEC 947-3 EN 60947-3				
Rated insulation voltage		Ui	V	800
Rated operating voltage		Ue	V	800
Rated impulse withstand voltage		Uimp	kV	8
Rated thermal current for open switch		Ith	A	32
Rated thermal current for enclosed switch		Ithe	A	32
Rated operation frequency			Hz	50/60
Power dissipation for each pole			W	1,3
Rated operating current Ie				
AC-21A Switching resistive loads, including moderate overloads	690V	Ie	A	32
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads	690V	Ie	A	32
Rated operating power				
AC-23A Switching of motor loads or other highly inductive loads		400V	Kw (A)	11 (22)
		690V	Kw (A)	11 (16)
AC-3 Squirrel cage motors: starting, switching off motors during running		400V	Kw (A)	7,5 (14)
		690V	Kw (A)	7,5 (8)
Rated breaking capability in category AC-23A (cos φ=0,45)		400V	A	176
		690V	A	128
Short circuit protection				
Rated short time withstand current (1s)		Icw	A	400
Rated short-circuit make capacity		Icm	A	750
Rated conditional short-circuit current			kA	10
With fuses class gG		500V	A	32
Technical Data IEC 947-3 EN 60947-3				
General use voltage		Ue	V	600
General use current	600V AC	Ie	A	30
Rated operating power				
1 phase - 2 pole		120V	Hp/FLA	1,5 / -
		240V	Hp/FLA	3 / -
3 phase - 3 pole		200V	Hp/FLA	- / -
		240V	Hp/FLA	7,5 / 22
		480V	Hp/FLA	15 / 21
		600V	Hp/FLA	20 / 22
Standards Line protection fuses (DS size 1: Class RK5, 600Vac, 200kA A.I.C.), (DS size 2: Class J, 600Vac)			A	30
Short Circuit Rating@600Vac			kA	5

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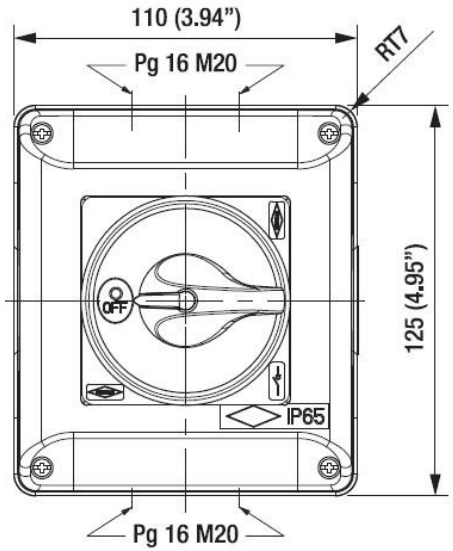
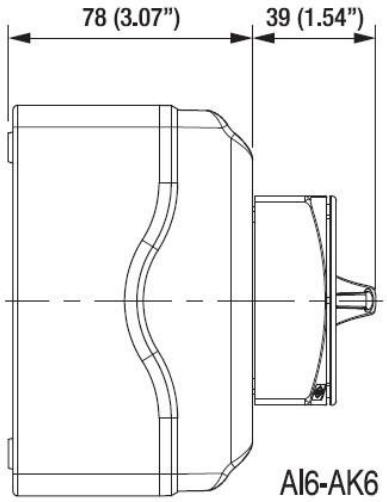
Drawings

Dimensions





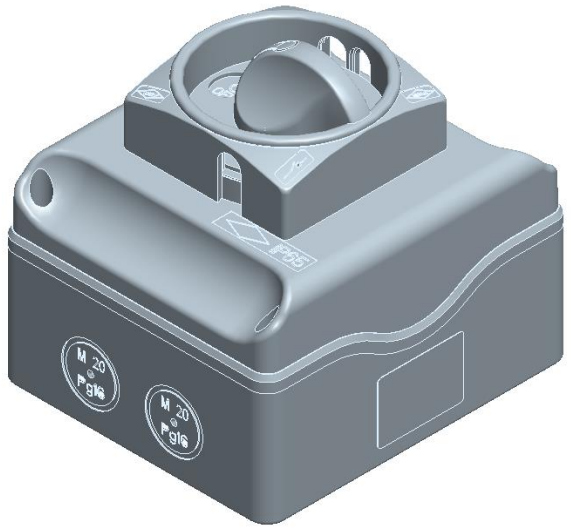
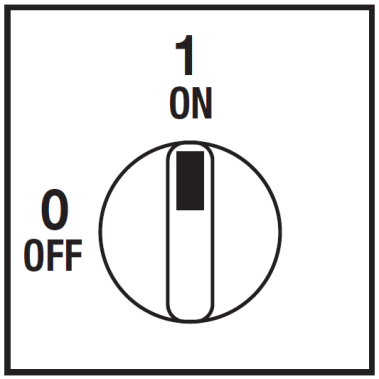
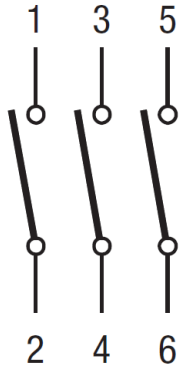


Plate and position



Electrical scheme



Drilling templates