

The ASI SB0403B110AL6 is an enclosed motor disconnect switch or rotary disconnect switch with 3 poles and can be used with single phase and three phase motors. This enclosed motor disconnect switch is UL508 Listed with ratings of 600 volts, 40 amps for motors rated from 2 HP to 20 Hp. With a IP65 rating, equivalent to NEMA 4, this enclosed rotary disconnect can be used in outdoor applications which require a weatherproof rotary disconnect switch. The housing of this enclosed motor disconnect switch is black with a yellow cover and the red lockable handle can accept up to 3 locks in the 0 to Off position. The dimensions of this enclosed rotary disconnect switch are 120x100x85 mm. For secure wiring the enclosed motor disconnect switch has PG16 cable gland knockouts.

Key Features:

- ON-OFF 3P
- ABS double insulation thermoplastic enclosure
- Rated operational current In: 40A
- Rated thermal current Ith: 40A
- 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	Uiimp	kV	8
Rated thermal current for open switch	Ith	A	40
Rated thermal current for enclosed switch	Ithe	A	40
Rated operation frequency		Hz	50/60
Power dissipation for each pole		W	2,5
Rated operating current le			
AC-21A Switching resistive loads, including moderate overloads	690V	le	A
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads	690V	le	A
Rated operating power			
AC-23A Switching of motor loads or other highly inductive loads	400V	Kw (A)	15 (28)
	690V	Kw (A)	15 (18)
AC-3 Squirrel cage motors: starting, switching off motors during running	400V	Kw (A)	11 (21)
	690V	Kw (A)	11 (21)
Rated breaking capability in category AC-23A ($\cos \varphi=0,45$)	400V	A	228
	690V	A	144
Short circuit protection			
Rated short time withstand current (1s)	lcw	A	500
Rated short-circuit make capacity	Icm	A	750
Rated conditional short-circuit current		kA	10
With fuses class gG	500V	A	40

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General use voltage	Ue	V	600
General use current	600V AC	le	A
Rated operating power			
1 phase - 2 pole	120V	Hp/FLA	- / -
	240V	Hp/FLA	- / -
3 phase - 3 pole	200V	Hp/FLA	- / -
	240V	Hp/FLA	- / -
	480V	Hp/FLA	- / -
	600V	Hp/FLA	10 / 11
Standards Line protection fuses (DS size 1: Class RK5, 600Vac, 200kA A.I.C.), (DS size 2: Class J, 600Vac)	A		40
Short Circuit Rating@600Vac		kA	10

Drawings

Dimensions

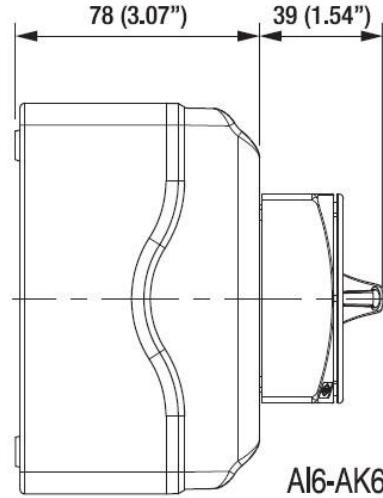
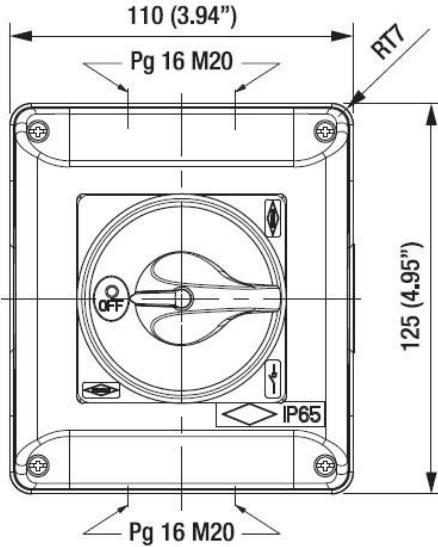
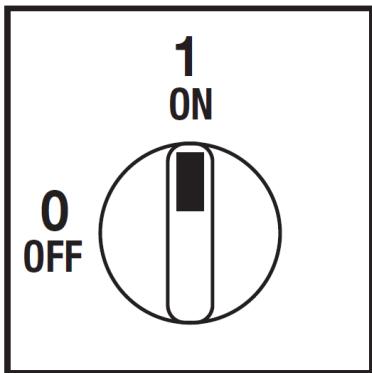
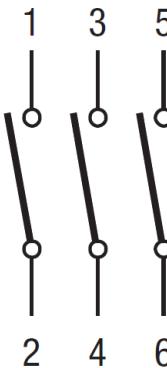


Plate and position



Electrical scheme



Drilling templates

