



JSL INDUSTRIES LTD.

**Air Circuit Breaker
(Type : A7 - 200A to 800A)**



Reliable protection over
wide voltage fluctuations,
overloading & short circuit



ISO 9001 : 2015

INTRODUCTION

JSL Air Circuit Breakers type - A7 are available in fixed version (Rating from 200A to 800A with short circuit breaking capacity upto 50 kA. These ACBs comply to the requirements of standard IS / IEC 60947-2 The product is best suitable for distribution networks to distribute the electrical energy and protect the power circuit and electrical apparatus / consumer from harms caused by short circuit, over load, under voltage. The selectivity in protection with high accuracy of these ACBs increases the reliability of power supply.

SALIENT FEATURES

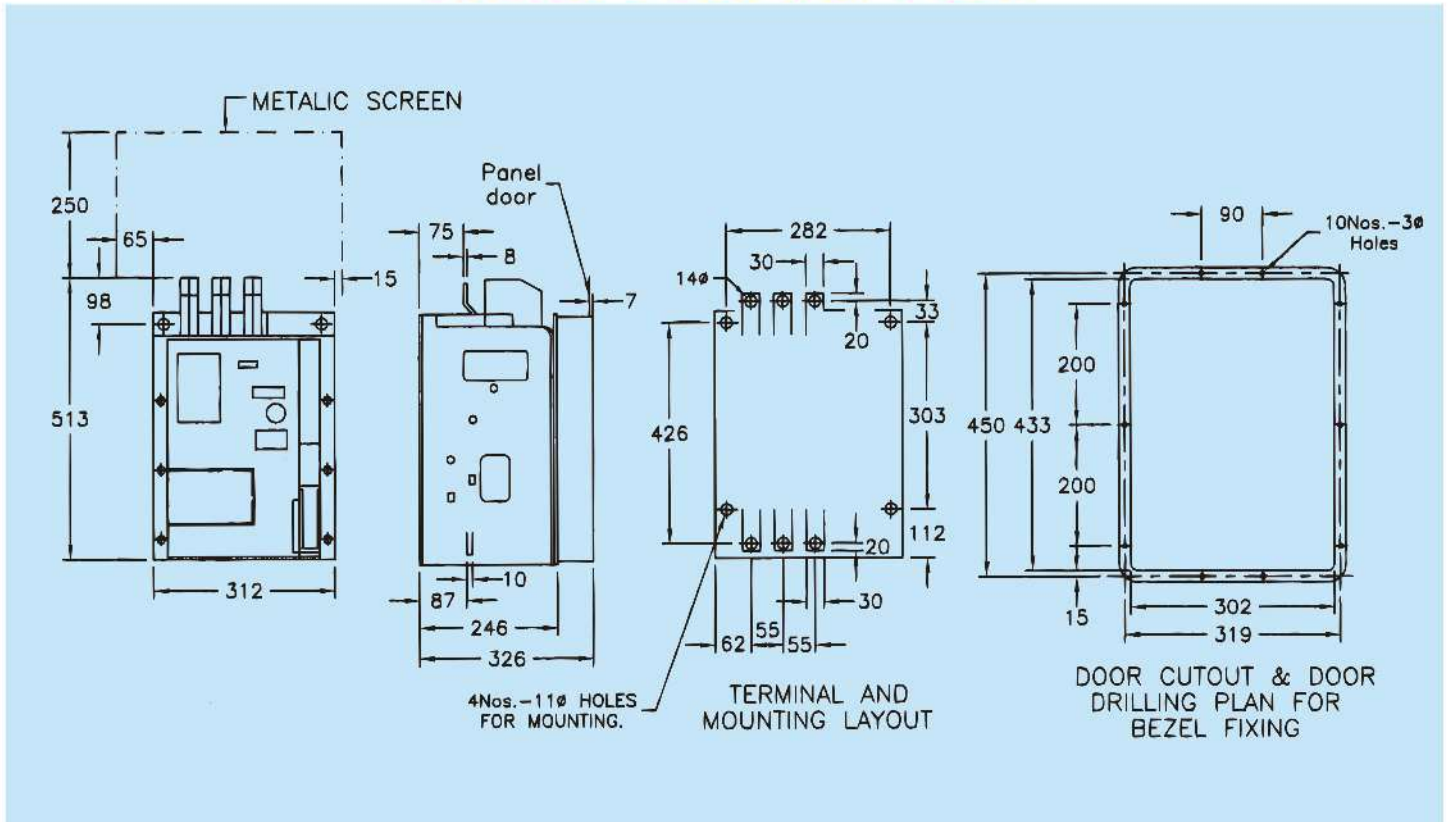
- ☞ User Friendly design
- ☞ Compact
- ☞ Quick make quick break, manual Independent trip free mechanism
- ☞ Ambient temperature compensated over load release.
- ☞ Modular construction
- ☞ Separate main and arcing contacts
- ☞ High current withstand capacity
- ☞ High making and breaking capacity
- ☞ Totally covered live parts ensure maximum safety to operator
- ☞ Name plate on front side
- ☞ All accessories available (Optional)
 - Under voltage release
 - Shunt release
 - Auxiliary contacts

TECHNICAL DATA

Reference standard : IS / IEC 60947-2 : 2016

VERSION		FIXED	
FRAME SIZE		I	
TYPE		A7-1-803-F	A7-2-803-F
Rated Current	I_n	800 A	800 A
Rated Voltage	U_e	415 V	415 V
Rated Insulation Voltage	U_i	1000 V	1000 V
Rated Impulse Voltage	U_{imp}	8 kV	8 kV
Number of Poles		3	3
Rated Frequency		50 / 60 Hz	50 / 60 Hz
Rated Ultimate Short Circuit Current Breaking Capacity	I_{cu}	36 kA	50 kA
Rated Service Short Circuit Current Breaking Capacity	I_{cs}	36 kA	50 kA
Rated short time withstand capacity	I_{cw}	36 kA for 1 second	50 kA for 1 second
Rated short circuit making capacity	I_{cm}	75.6 kAp	105 kAp
Utilisation Category		B	B
Release type		Thermal - Magnetic	Thermal - Magnetic
Release setting	Overload release (Fixed)	200A, 250A, 400A, 630A, 800A	200A, 250A, 400A, 630A, 800A
	SC release (Fixed)	4 to 6 I_n	4 to 6 I_n
External Dimension	: H X W X D	515 x 312 x 285 mm	5 x 312 x 285 mm
Weight (Approx)		30 kg.	32 kg.
Accessories		Shunt release, Under Voltage release	Shunt release, Under Voltage release
Rating of Auxiliary contacts		7 NO/NC, 10A, 415V	7 NO/NC, 10A, 415V
Rated voltage of shunt release		24V, 110V, 220V DC 230V, 415V AC	24V, 110V, 220V DC 230V, 415V AC
Rated voltage of Under voltage release		24V, 110V, 230V, 415V AC	24V, 110V, 230V, 415V AC

OVERALL DIMENSIONS OF FIXED TYPE ACBs TYPE : A7-1-803F & A7-2-803F



**FOR FURTHER ENQUIRIES
PLEASE CONTACT**

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In Keeping with the technological strides the world is making in the engineering field, we introduce changes in the design of our products. Hence, the products as actually supplied might have features varying herefrom.