

BENLO[®]

A PRODUCT OF **BENITEC** INDIA LTD.



**AUTOMATIC DP
CHANGEOVER
WITH CURRENT LIMITER
(ACCL)**





AUTOMATIC DP CHANGEOVER WITH CURRENT LIMITER (ACCL)

When Mains supply fails and Generator supply starts ACCL transfers the load from Mains supply to Generator automatically. It also acts as a current limiter when load on generator exceeds the preset limit, thus avoiding any overload on the Generator

Advantages of BENTEC ACCL



UNIQUE

Contactor based single phase ACCL, design patent pending.



HEAVY DUTY

conforms to utilization category AC32A (IEC 60947-6) & AC22A (IEC 60947-3). Can switch heavy loads.



LONG LIFE

25,000 Operations



SAFE

5 kA Short Circuit Capacity



ENERGY EFFICIENT

Low power consumption as coil operates only during generator supply



COOL

Low temperature rise as power consumed is less than 0.2VA on Mains supply



USER FRIENDLY

During overload, load will be On for 10 sec so that user gets some time to switch off unwanted loads.



ALERTS

Overload indication via LED & Beep



TECHNICAL SUPERIOR

Break before make changeover contacts with higher air gap.



CONVENIENT

Auto Reset facility.



VERSATILE

Can be used in new buildings as well as for retrofitting i.e. 2 Sub Main or 1 Sub Main wiring method

TECHNICAL SPECIFICATIONS :

- Operating voltage - 140/280 Volts • Maximum load current capacity in EB supply - 30 Amps
- Gen set trip current - Refer table given below

LED INDICATIONS :

- EB LED ON - Presence of EB supply
- DG/OL LED ON - GREEN - Presence of Generator supply, RED (Blinking) - Over Load Indication



MODELS AVAILABLE

DESCRIPTION

- Single Phase ACCL - 30A/0.5A (100W)
- Single Phase ACCL - 30A/1.0A (200W)
- Single Phase ACCL - 30A/1.5A (300W)
- Single Phase ACCL - 30A/2.0A (400W)
- Single Phase ACCL - 30A/2.5A (500W)
- Single Phase ACCL - 30A/3A (600W)
- Single Phase ACCL - 30A/3.5A (700W)
- Single Phase ACCL - 30A/4A (800W)
- Single Phase ACCL - 30A/5A (1000W)
- Single Phase ACCL - 30A/6A (1200W)
- Single Phase ACCL - 30A/8A (1600W)
- Single Phase ACCL - 30A/10A (1800W)
- Single Phase ACCL - 30A/12A (2400W)
- Single Phase ACCL - 30A/16A (3200W)
- Single Phase ACCL - 30A/20A (4000W)
- Single Phase ACCL - 30A/30A (6000W)

TECHNICAL SPECIFICATIONS-SINGLE PHASE

Standard Conformity	IEC 60947-6-1
No. of Poles	1P+N
Rated Current (In)	30A on mains, 0.5A-30A on generator*
Rated Voltage (Ue)	240V AC
Rated Frequency	50Hz
Rated Insulation	500V AC
Rated Voltage	230V AC
Protection Class	IP20
Mounting	Standard mounting RAIL (35x7.5mm)
Mounting Position	Vertical/Horizontal
Terminal Capacity sq. mm	10
DG Changeover Time	15 sec
Dielectric Strength	2Kv
Utilization Category	AC 31B (IEC 60947-6)
Class of Equipment	PC
Environment	B
Indication	Mains, Generator & Overload
Ambient Temp.	-10°
Electrical Life	6000
Rated Impulse Voltage	1.5kV
Duty	Uninterrupted
Pollution Degree	3
Conditional Short Circuit Current	3kA
Weight	203 gms
Overload Tripping Cycle	When overloaded load is connected for 30 seconds and then disconnected for 15 seconds. This cycle is repeated for 3 cycles. User has to reduce the load below trip current setting to permanently connect the load. If load is not reduced, ACCL permanently disconnects the load after 3 cycles. User has to then press the reset button to reconnect the load.

Standard Trip Currents - 0.5A, 1A, 1.5A, 2A, 2.5A, 3A, 3.5A, 4A, 5A, 6A, 8A, 10A, 12A, 16A, 20A & 30A

JOIN US

In creating safer and more efficient
ELECTRICAL SYSTEMS
For a Brighter Future



Corporate Office
BENTEC INDIA LIMITED
150, Upen Banerjee Road,
Kolkata, West Bengal, Pin : 70060



info@bentecindia.com



Customer Care No.
033-24 01 74 21



bentecindia.com

BRANCH OFFICE

AHEMDABAD : 9669 099 969 | **ASANSOL** : 8250 552 792 | **BANGALORE** : 9845 007 857 | **BHAGALPUR** : 8789 817 707
BHUBANESWAR : 9831 281 573 | **CHENNAI** : 9748 013 248 | **GUWAHATI** : 9831 111 030 | **HYDERABAD** : 9831 194 283
INDORE : 9329 027 210 | **JAIPUR** : 9314 033 313 | **JALANDHAR** : 9915 800 483 | **LUCKNOW** : 9336133 222
MUMBAI : 9324287968 | **NAGPUR** : 9604 052 882 | **NASIK** : 9324 287 968 | **NOIDA** : 9950 227 722 | **PATNA** : 9903 000 780
PUNE : 9405 006 489 | **RAIPUR** : 9109 108 886 | **RANCHI** : 9386 588 496 | **ROHTAK** : 9315 326 004 | **RAJKOT** : 9669 099 969
SILIGURI : 9940 084 022 | **SURAT** : 9374 141 524 | **VARANASI** : 9554 966 555