



# ACCL

## Single Phase Automatic Changeover with Current Limiter



### Features

- Electronic & Mechanical Interlock for safe changeover.
- Built-in Time Delay for fail safe changeover.
- Overload Tripping in DG supply.
- Wide Voltage Operation-140/280 Volts.
- Reliable Micro Controller based design for sensing & control.
- Suitable for Din Rail mounting.

HPL — India's leading player in power distribution equipments and solutions, now brings you HPL ACCL, a fully automatic high precision microcontroller based 'Source Changeover' device. It has a current limiting function which offers easy and 'controllable' changeover between the main power supply and the generator supply.

The Automatic EB-DG changeover automatically switches the load to Generator supply during the failure of EB supply.



Fire Retardant



Shock Proof



IP20 Protection



Current Limiter



ROHS



Automatic Changeover

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## Technical Specifications :

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

## Models Available:

Description
Single Phase HACCL - 30A/0.6A (120W)
Single Phase HACCL - 30A/1.5A (300W)
Single Phase HACCL - 30A/2.5A (500W)
Single Phase HACCL - 30A/3A (600W)
Single Phase HACCL - 30A/4A (800W)
Single Phase HACCL - 30A/5A (1000W)
Single Phase HACCL - 30A/6A (1200W)
Single Phase HACCL - 30A/8A (1600W)
Single Phase HACCL - 30A/10A (1800W)

## LED INDICATION :

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

## Technical Specifications-Single Phase

Standard Conformity	IEC 60947-6-1
No. of Poles	1P+N
Rated Current (In)	30A on mains, 0.6A-10A 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°C to + 40°C
Electrical Life	6000
Rated Impulse Voltage	1.5kV
Duty	Uninterrupted
Pollution Degree	3
Conditional Short Circuit Current	3kA
Weight	350 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 - 0.6A, 1.5A, 2.5A, 3A, 4A, 5A, 6A, 0A & 10A



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