

## Features (Three Phase):

- Micro controller based automatic source changeover with neutral isolation.
- Intelligent re-connection once trip occurs, either due to over voltage or over load.
- Energy, Current, Voltage measurement for DG & Current measurement for EB. Optional EB Energy and Voltage measurement for 3 phase.
- Intelligent tripping: Inverse curve (Higher the overload faster the trip).
- Conformity standard as per IEC 60947-6-1
- Manual reset provision when in sleep mode for restoring power supply Or through the mobile app when network is available.
- Intelligent changeover with R phase or any one phase failure (Manufacturing option).
- Under/Over voltage protection for EB to DG
- Programmable threshold setting for both sources independently.
- DG delay programmable for each ACCL to avoid loading the generator at a time.
- Potential free contact for connecting power load only in EB (single phase / relay version) optional(M 100R).
- Automatic trip if sum of power circuit and lighting circuit is >32A (single phase / relay version) optional.
- Individual phase overload monitoring (Any Phase > set current, it trips).
- DG Phase selection Programmable

## **Unique Features:**

- Intelligent Overload tripping with AC1 to AC3 behavior.
- Wide range of operational voltage: (180 260) VAC
- Display of overload information for both EB and DG, along with phase indication.
- Wiring simplicity for lighting and power with common neutral in iACCI M100R Single Phase.
- Installation is done as DIN rail for single phase and surface mountable for 3 phase (Optional DIN rail for 3 phase up to 40A).
- Eco friendly thermoplastic and fire retardant enclosure.
- More than 20000 operations.
- Reason for trip is displayed.
- Optional Prepaid feature only for DG
- RS 485 communication.(Optional)
- Protection against neutral current flow beyond threshold.
- EB measurement VHF for M300

# **iACCL**

# AUTOMATIC CHANGEOVER WITH CURRENT LIMITER

Current | Voltage | Frequency | Energy

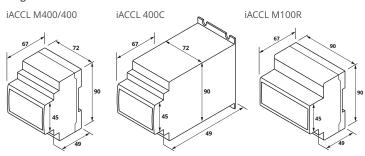
FOR A SEAMLESS, CHANGEOVER BETWEEN POWER SOURCES!

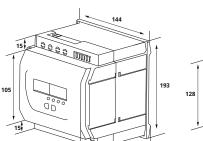
# Features (Single Phase):

- Under and Over Voltage protection when load is running on DG
- Protect DG with Staggered Delay and Inverse curve Protection
- Reduced wiring complexity and installation time- Terminal 16mm capacity
- Programmable DG current limiting features on site through configuration tool
- EB/DG Input source Interchangeability
- Field configuration through CFG 400 for iACCL 400/400C

# **Mechanical Specification:**

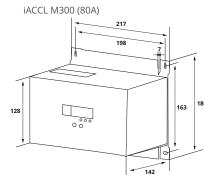
#### Single Phase

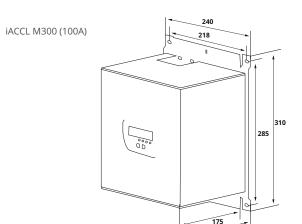




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iACCL M300 (32A-63A) | M330 (40A)

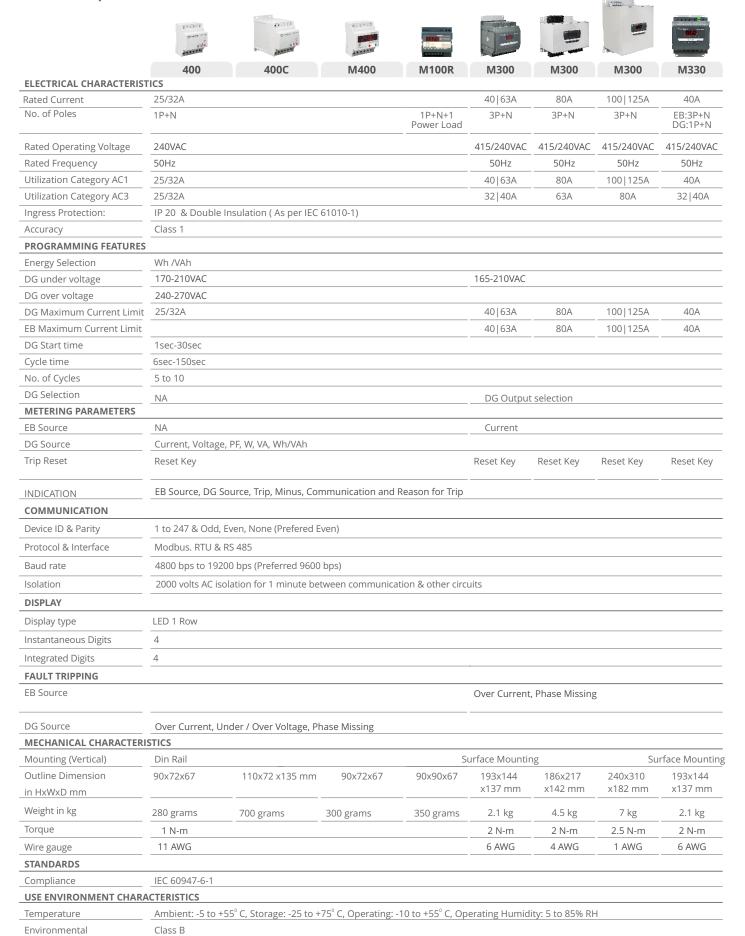






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## **Technical Specification:**





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Pollution degree