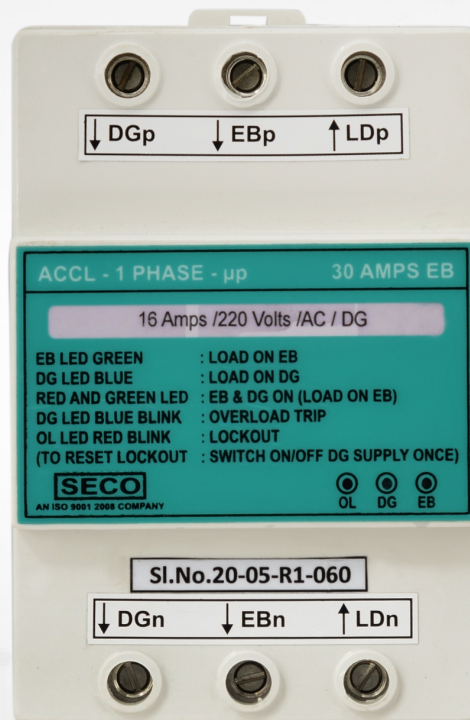


SAHYADRI ELECTRO CONTROLS (I) PVT. LTD.

SECO



AUTOMATIC SOURCE CHANGE OVER WITH CURRENT LIMITER (ACCL) (SINGLE PHASE)

10, VINAY COMPLEX, 1ST CROSS, RAJGOPAL NAGAR MAIN ROAD, GANAPATHI NAGAR,
PEENYA III PHASE, BANGALORE – INDIA - 560058

Mail: mkt@secoindia.co.in & sales@secoindia.co.in, Web: www.secoindia.co.in

FEATURES:-

- Microcontroller based design
- Suitable for Single Phase operation
- Suitable for EB – 30A & DG – 1A to 20A DG
- With Over Load Trip facility
- Load with EB or DG indications by LED
- Under/ over Voltage lock out facility on DG
- Din rail mounting with ABS housing

WORKING PRINCIPLE:-

Automatic Source Change over with current limiter unit is more useful in domestic sector (apartments) where unit will allow maximum load current in EB supply & with Generator supply it acts like load limiter to protect the DG with over load. And also this will give under voltage & Over Voltage blocking protection with DG supply. Maximum DG load set current will be pre specified in the factory settings only (from 1 to 20A).

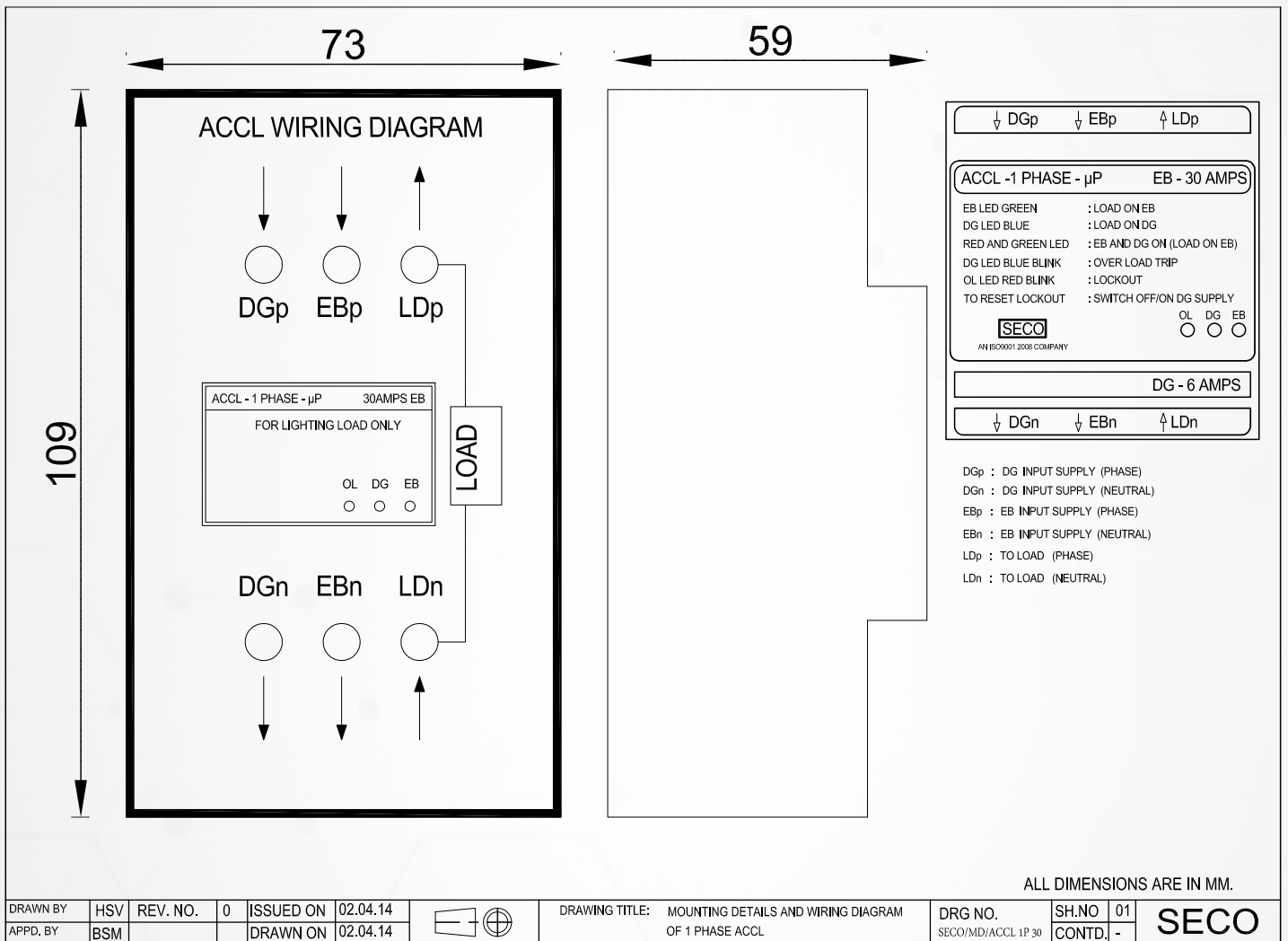
OPERATION IN DG MODE:-

Whenever output load current is more than the specified (5A), output will be turned off after 1 second and again output will be turned on after 4 seconds. This cyclic operation continues for maximum of 5 cycles. After that, unit will trip the load permanently (output lock out mode) & gives the 'DG over load trip' indication. For further operation, it is required to reset the unit by switching off and switching on the supply.

OPERATION IN EB MODE:-

Whenever unit power is ON through EB, output will be continuous on EB Supply. There is no under/ over voltage and over load protection in EB Mode.

WIRING AND DIMENSIONAL DRAWING



SIDE VIEW



SAHYADRI®

ISO 9001:2015 Certified



No 10, Vinay Complex, 1st Cross, Rajgopal nagar Main Road,
Ganapati Nagar, Peenya 3rd Phase,
Bangalore-560058

080-4149 2637 / +91 9035048537 / +91 9448408537 / +91 9980544028

After Sales / Service : +91 9606040824

mkt@secoindia.co.in / sales@secoindia.co.in / manjunatha@secoindia.co.in