

## MOBILE INDUCTIVE LOADS (SINGLE & 3-PHASE)



- The inductor LH\*\* can vary the power factor continuously from 0.9 to 0.1 in single-phase and 3-phase.

### PRINCIPLE

- 3 moving laminated cores made from silicium sheets, are moved by a control wheel through 3 coils.
- The reactive power varies from 0.1kVAR to the rated power. (ie 4kVAR for LH40)
- It is possible to exceed the rated power during few minutes.

### CONNECTION

- 4 (safety) jumps connect the coils to either 3-phase star 400V, delta 240V or single-phase 240V.
- Each phase is protected by a fuse.
- This inductor exists in 3 standard power ratings.
- Dimensions 670 x 400 x 1000mm
- Weight 70kg
- Male earth socket in standard. Female earth socket upon request.
- CEI1010 CATIII 1000Vrms pol2

| REF                       | LH20         | LH40  | LH60         |
|---------------------------|--------------|-------|--------------|
| Reactive rated power      | 2KVAR        | 4kVAR | 6KVAR        |
| Constant current by phase | 3A           | 6A    | 9A           |
| Resistance of each coil   | 2.5 $\Omega$ |       | 1.1 $\Omega$ |
| Weight                    | 78kg         |       | 75kg         |