

**Light head controller, power supply and fault alarm unit
for Obelux MI- and HI- light series****Key features**

- Suitable for up to two Obelux MI-series or one Obelux HI-series light heads
- Constant power consumption with active PFC
- Light head monitoring and alarm generation
- Internal photocell for day/night mode changes
- Multiple LHCs synchronizations
- LCD display and keypad for easy configuration
- Ethernet communication for large systems
- Low maintenance costs
- 5 years warranty

Electrical characteristics

- Operating voltage variations:
 - 48 V_{DC} (36.. 75 V_{DC})
 - 100 V_{AC} (85.. 115 V_{AC})
 - 115 V_{AC} (98...132 V_{AC})
 - 200 V_{AC} (170...230 V_{AC})
 - 230 V_{AC} (207... 253 V_{AC})
- Output power max 350 W
- Power factor > 0,9
- Constant power input by active PFC
- Overvoltage protection
- Operating temperature range -55°C to +55°C
- Flash rates: 20, 40 and 60 fpm
- Flash durations: 100, 150, 200 and 250 ms

Mechanical characteristics

- Enclosure stainless steel AISI304
- Ingress protection IP65
- Cable glands: 2 x M25, 3 x M20, 2 x M16
- Dimensions: 650 x 400 x 213 mm (L x W x D)
- Weight: 25 kg

Alarm relay characteristics

- Potential free DPCO monostable (NC, NO, COM)
- Contact voltage AC max 125V
- Contact voltage DC max 30V
- Contact current max 1A
- Contact resistance max 0.15 ohm

Available options

- GPS flash synchronization
- GSM control and fault reporting
- External photocell
- Fibre optic communication
- Control panel for large system controlling and monitoring

Made in Finland



Demonstrative photo

Obelux LHC-230-350

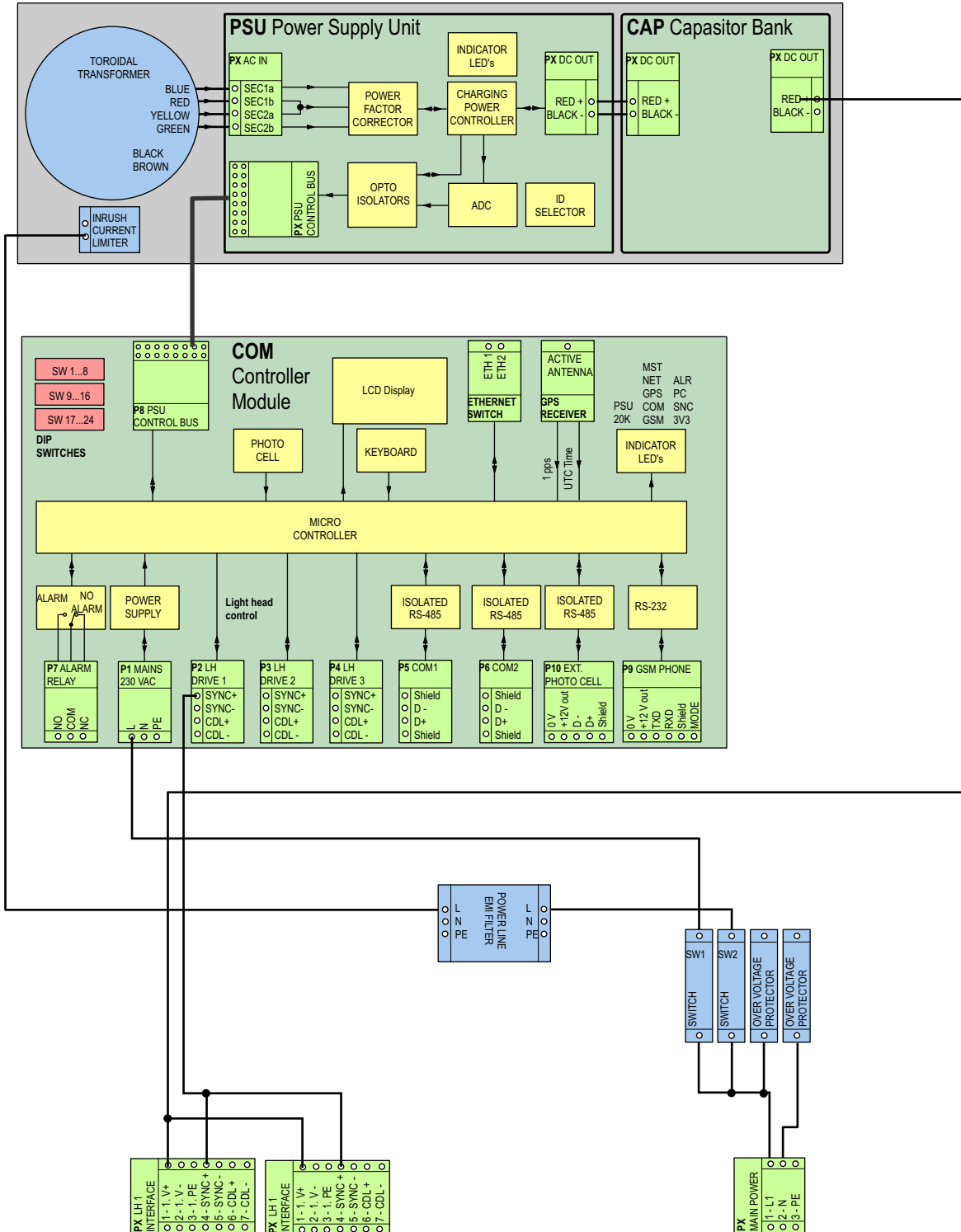
Order codes:

- Obelux LHC-048-350 for 48 V_{DC} system
- Obelux LHC-100-350 for 100 V_{AC} system
- Obelux LHC-115-350 for 115 V_{AC} system
- Obelux LHC-200-350 for 200 V_{AC} system
- Obelux LHC-230-350 for 230 V_{AC} system

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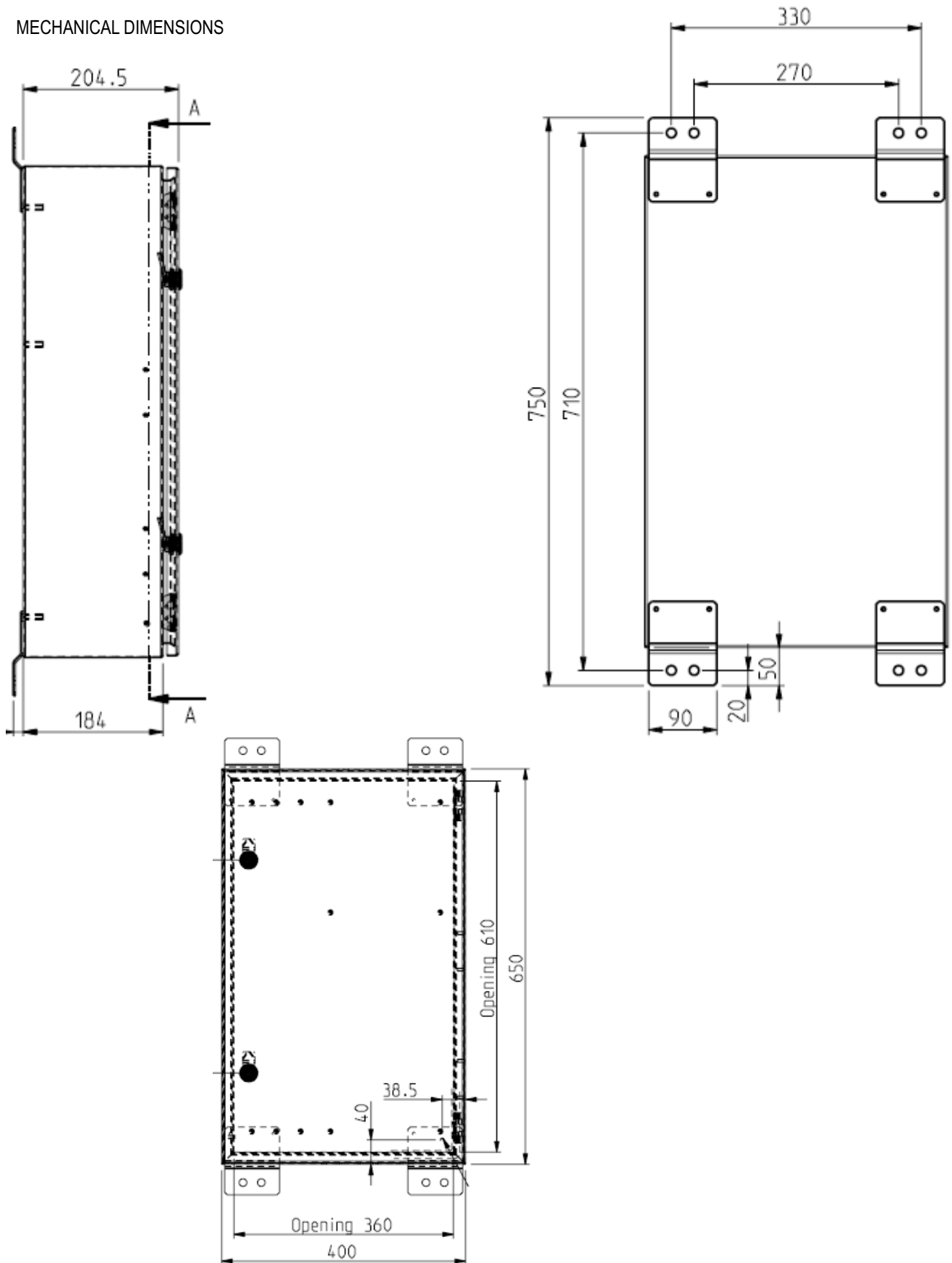
SIMPLIFIED WIRING DIAGRAM



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MECHANICAL DIMENSIONS



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