



27 Jan 2016

Light Head Controller, Power Supply and Fault Alarm Unit for CEL MI- and HI- light series

CEL S-series LHC 350

Key features

- Suitable for up to 2no. CEL MI-lights or 1no. CEL HI-light
- Constant power consumption with active PFC
- Light head monitoring and alarm generation
- Internal photocell for day/night mode changes
- Multiple LHCs synchronisations
- LCD display and keypad for easy configuration
- Ethernet communication for large systems
- Low maintenance costs
- 5 years warranty

Electrical characteristics

- Operating voltage variations:
 - 48V_{DC} (36.. 75V_{DC})
 - 100V_{AC} (85.. 115V_{AC})
 - 115V_{AC} (98...132V_{AC})
 - 200V_{AC} (170...230V_{AC})
 - 230V_{AC} (207... 253V_{AC})
- Output power max 350W
- 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 60fpm
- Flash durations: 100, 150, 200 and 250ms

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 213mm (L x W x D)
- Weight: 25kg

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 0.15ohm

Available options

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

Made in EU



CEL-LHC-048-350

Order codes:

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

T: +44 (0)20 8540 1034
F: +44 (0)20 8543 3058
E: info@contarnex.com

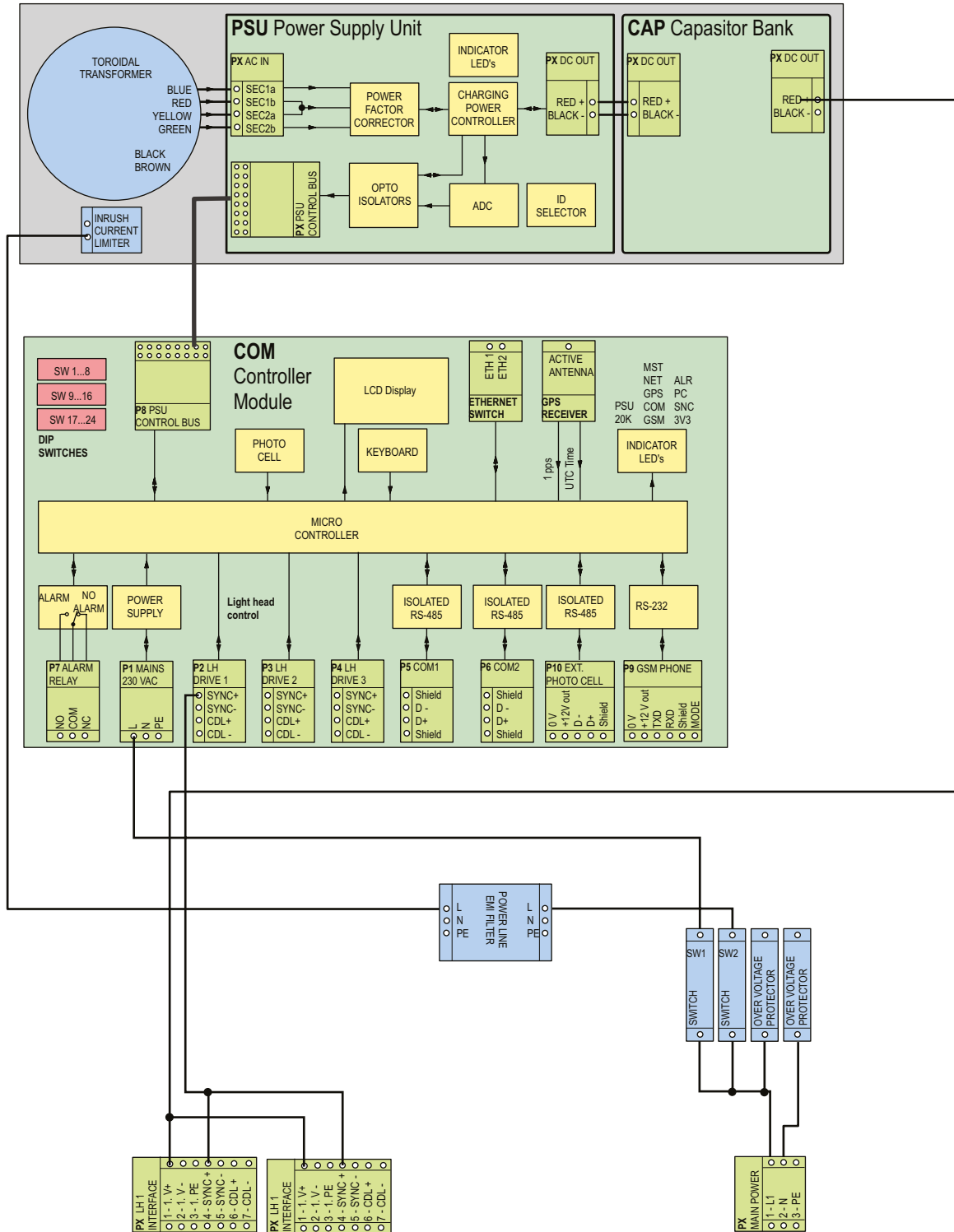
Contarnex Europe Limited
252 Martin Way,
Morden, Surrey SM4 4AW
United Kingdom



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SIMPLIFIED WIRING DIAGRAM



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MECHANICAL DIMENSIONS

