

# QTi DALI 2X58 DIM

Kod produktu: 56516



## Dane techniczne:

- Operating frequency **46±120 kHz**
- Length **423.0 mm**
- Inrush current **45 A**
- Max. no. of ECGs on circuit breaker 10 A **8**
- Max. no. of ECGs on circuit breaker 16 A **13**
- Width **30.0 mm**
- Mounting hole spacing, length **415.0 mm**
- Product weight **370.00 g**
- Ambient temperature range **-20±50 °C**
- Standards **Acc. to EN 61347-2-3/Acc. to EN 60929/Acc. to EN 55015:2006 + A1:2007/Acc. to EN 61000-3-2/Acc. to EN 61547**
- Protection class **I**
- Nominal voltage **220±240 V**
- Mains frequency **50±60 Hz**
- Input voltage DC **154±276 V**
- Starting time **0.6 s**
- Height **21.0 mm**
- Wire preparation length, input side **8.0±9.0 mm**
- Wire preparation length, output side **8.0±9.0 mm**
- ECG lifetime **100000 h**
- Dimmable **Yes**
- Suitable for fixtures with prot. class **I**
- Overheating protection **Yes**
- Overload protection **Yes**
- Dimming interface **DALI / Touch DIM / Touch DIM Sensor**
- Dimming range **1±100 %**
- End of lamp life safety shutdown **EOL T.2**
- Approval marks ± approval **VDE / VDE-EMC / ENEC 10 / EL / GOST / RCM / CCC**
- Type of protection **IP20**
- EEI ± Energy Label **A1 BAT**

## Product benefits

- System+ Guarantee available
- Easy integration in luminaire thanks to same dimensions like DALI GI ECG

- TouchDIM function for easy and inexpensive dimming of several ECGs
- Same luminous flux with direct and alternating current
- Dimming of amalgam lamps without flickering or reduced lifespan
- Automatic restart after lamp replacement
- No new approvals required

### **DALI product features**

- Control via the DALI interface
- Compliance with the DALI standard to IEC 60929 and IEC 62386
- Control input protected against overvoltage and polarity reversal (OSRAM ECG)

### **Touch DIM and Touch DIM Sensor function**

- Manual dimming without controller and with standard switches
- Including memory function (double click) and soft start

### **Areas of application**

- Suitable for use in emergency lighting systems as per EN 50172/DIN VDE 0108-100
- Installation in emergency lighting systems according to IEC 61347-2-3, appendix J
- Industry
- Open-plan offices, corridors and storage rooms
- Public buildings
- Sports halls and factories
- Strip lighting
- Suitable for luminaires of protection class I

### **Product features**

- Corridor function for direct connection of ECG to common motion sensor
- Corridor function with pre-programmed light program
- TouchDIM function for free parameterization of light value and turn on time
- Fit for SMART GRID for feedback of consumed mains power and lamp operating hours
- Fit for Emergency function for automatic detection of emergency lighting by ECG
- Very low standby power consumption: < 0.2 W (A1 BAT)
- Lifetime: up to 100,000 h (temperature at  $T_c = 65^\circ\text{C}$ , max. 10 % failure rate)
- Very high number of switching cycles: up to 300,000
- Dimming range: 1...100 % (3...100 % with compact fluorescent lamp)
- POWER2LAMP function for optimal matching of ECG power to lamp during lamp lifetime
- Line frequency: 0 Hz, 50 Hz...60 Hz, rectified AC



