

OT EASY 60/220-240/24 RGB Converter for color mixing with LED-modules and configuration via EASY Color Control LMS

Technical Information

Edition: Nov. 2006
Subject to change

Status: draft

Technical Data:

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|-----------------------------|--|
| Reference | OT EASY 60/220-240/24 RGB |
| For LED modules: | With respect to the output conditions: 1 x LINEARlight Colormix Flex (4m), 7 x LINEARlight Colormix etc. |
| Line voltage, nominal: | 220-240 V _{AC} |
| Perm. voltage fluctuations: | 198-254 V _{AC} |
| Line current, nominal: | 0,33 A @ 230 V |
| Line frequency: | 50/60 Hz |
| Output voltage: | 24 V _{DC} |
| Max. module wattage: | 60 W, separated of 4 outputs |
| Power factor | PF > 0,95 |
| Max. losses: | 8 W @ 230 V |
| DC voltage operation: | Yes, 176 V – 264 V @ Ta < 45°C |
| control signal | Easy signal (via 4pin RJ11 connector): |
| configurable via | EASY IR remote control and EASY IR sensor EASY Color Control Software EASY push button coupler standard push button |
| Dimming modus | PWM (300 Hz) |
| Dimming range | 0-100 % |
| Synchronisation | up to 16 units, 1 master and 15 slaves |
| Safety: | IEC 61347 |
| Performance: | IEC 62384 |
| Radio interference: | EN 55015 |
| Harmonic content: | IEC 61000-3-2 |
| Immunity: | IEC 61547 |
| Temperature range: | -20 °C to +50 °C |
| Non-load proof: | Yes |
| Short circuit protection: | Autom. shutoff, reversible |
| Overload protection: | Autom. shutoff, reversible |
| Overheating protection: | Autom. shutoff, reversible |

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| Primary: | Terminal screws |
| Wire cross section, primary: | H03VV-F; H05VV-F; NYM: 2x1,5 – 2x2,5 mm ² |
| external switch | H03VV-F; H05VV-F; NYM: 2x1,5 – 2x2,5 mm ² |
| EASY interface | RJ11 connector with 4 wires |
| Secondary: | Terminal screws |
| Wire cross section, secondary: | NYM, H03VV-F, H05VV-F: 3x0,75+3x0,75 - 3x2,5+3x2,5 mm ² |
| Max. length of secondary output wiring : | 10m |
| Geometry (l x b x h): | 220 mm x 46,2 mm x 43,6 mm |
| Approvals: | CE, in preparation VDE |

Geometry



Circuit diagram



Configurable via

EASY Color Control LMS:

- IR remote control (EASY RMC) with IR sensor (EASY IR) or IR sensor for recessed sealing mounting (EASY IR CI)
- EASY Color Control Software
- EASY push button coupler

Standard push button