

ELXc – ECO EffectLine Warm Start for T5 and T8 Lamps

Electronic built-in ballasts

Casing: PC, white

Push-in terminals with lever opener: 0.5–1.5 mm²

RFI-suppressed

For luminaires of protection class I

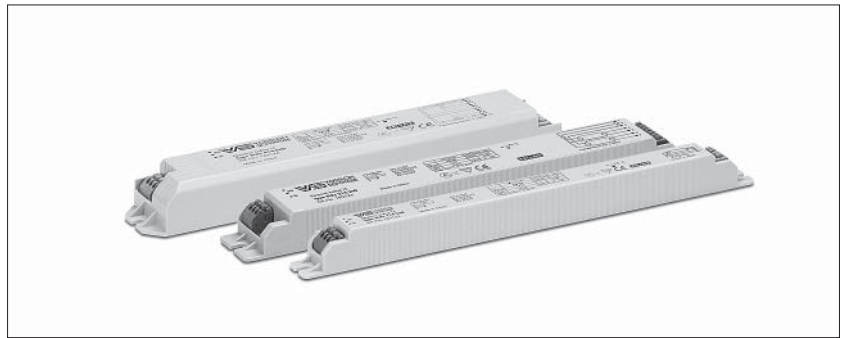
Degree of protection: IP20

For lighting systems with

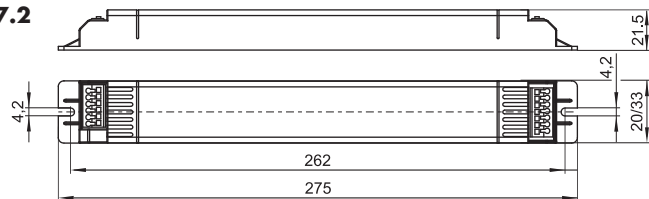
high switching frequency (> 5/day)

EOL shut down approved acc. to EN 61347 Test 1

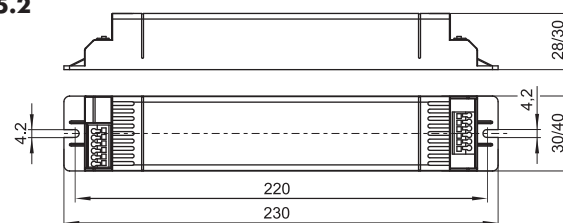
(for T5 lamps); EOL shut down (for T8 lamps)



K7.1 / K7.2



K5.1 / K5.2



- T5 TC BUILT-IN 1-10 V
- T8 INDEPENDENT DALI/PUSH

| Lamp | | | | Electronic ballast | | | | | | | | | | System | |
|---------------------|-------|------|------------------------|--------------------|---------------|-----------------------------------|----------------------|-----------------|---|--|--------|---------|---------|-------------|-------------------------|
| Output W | Type | Base | Power consumption W | Type | Ref. No. | Voltage AC 50, 60 Hz V±10 % | Energy efficiency | Power factor | Ambient temperature t _a (°C) | Casing temperature t _c (°C) | Casing | W mm | H mm | Output W | Luminous factor % |
| For T5 lamps | | | | | | | | | | | | | | | |
| 14 | T5 HE | G5 | 1 x 14.8 | ELXc 114.238 | 183122 | 220-240 | A2 | > 0.95 | 0 to 50 | max. 75 | K7.1 | 20 | 21.5 | 17.0 | 100 |
| 2x14 | T5 HE | G5 | 2 x 14.5 | ELXc 214.240 | 183124 | 220-240 | A2 | > 0.95 | 0 to 50 | max. 75 | K7.2 | 33 | 21.5 | 33.0 | 100 |
| 4x14 | T5 HE | G5 | 4 x 14.0 | ELXc 414.242 | 183126 | 220-240 | A2 | > 0.95 | 0 to 50 | max. 75 | K5.2 | 40 | 30 | 64.0 | 100 |
| 28 | T5 HE | G5 | 1 x 28.5 | ELXc 128.239 | 183123 | 220-240 | A2 | > 0.95 | 0 to 50 | max. 75 | K7.1 | 20 | 21.5 | 31.5 | 100 |
| 2x28 | T5 HE | G5 | 2 x 26.5 | ELXc 228.241 | 183125 | 220-240 | A2 | > 0.95 | 0 to 50 | max. 75 | K7.2 | 33 | 21.5 | 59.0 | 95 |
| For T8 lamps | | | | | | | | | | | | | | | |
| 18 | T8 | G13 | 1 x 15.5 | ELXc 118.243 | 183127 | 220-240 | A2 | > 0.95 | -15 to 50 | max. 70 | K5.1 | 30 | 28 | 18.5 | 98 |
| 2x18 | T8 | G13 | 2 x 15.5 | ELXc 218.246 | 183130 | 220-240 | A2 | > 0.96 | -15 to 50 | max. 70 | K5.1 | 30 | 28 | 35.0 | 98 |
| 4x18 | T8 | G13 | 4 x 15.5 | ELXc 418.249 | 183133 | 220-240 | A2 | > 0.98 | -15 to 50 | max. 70 | K5.2 | 40 | 30 | 69.0 | 97 |
| 36 | T8 | G13 | 1 x 30.5 | ELXc 136.244 | 183128 | 220-240 | A2 | > 0.96 | -15 to 50 | max. 70 | K5.1 | 30 | 28 | 34.0 | 95 |
| 2x36 | T8 | G13 | 2 x 31.0 | ELXc 236.247 | 183131 | 220-240 | A2 | > 0.98 | -15 to 50 | max. 70 | K5.2 | 40 | 30 | 68.0 | 97 |
| 58 | T8 | G13 | 1 x 48.0 | ELXc 158.245 | 183129 | 220-240 | A2 | > 0.96 | -15 to 50 | max. 70 | K5.1 | 30 | 28 | 53.5 | 96 |
| 2x58 | T8 | G13 | 2 x 49.5 | ELXc 258.248 | 183132 | 220-240 | A2 | > 0.98 | -15 to 50 | max. 80 | K5.2 | 40 | 30 | 107.0 | 100 |

Preliminary data | Circuit diagrams see pages 220–223