



Big savings.
Affordable costs.

New low-cost T8 ECGs
from OSRAM: QUICKTRONIC®
INSTANT START *economic*

SEE THE WORLD IN A NEW LIGHT





The electronic control gear for all: QUICKTRONIC® INSTANT

Economical, convenient, cost-effective: QTIS e – the economical alternative to CCGs

With its new QUICKTRONIC® INSTANT START *economic* (QTIS e) product family, OSRAM now offers a clever low-cost alternative to old-fashioned CCGs. QTIS e is the ideal entry and mid-range ECG. This slim one-part T8 ECG offers the most important features of modern electronic control gear at a particularly attractive price. QTIS e from OSRAM is available for operating 1, 2, 3 and 4-lamp luminaires with T8 26 mm diameter fluorescent lamps in the standard wattages of 18, 36 and 58 W.

Brilliant benefits for luminaire manufacturers and retailers

In most European countries and many others throughout the world, the use of conventional control gear is being increasingly regulated, and in some cases has already been banned. There are good reasons for this. Compared with electronic control gear, CCGs and most low-loss gear have clear disadvantages in terms of energy consumption, lighting comfort, safety and economy.

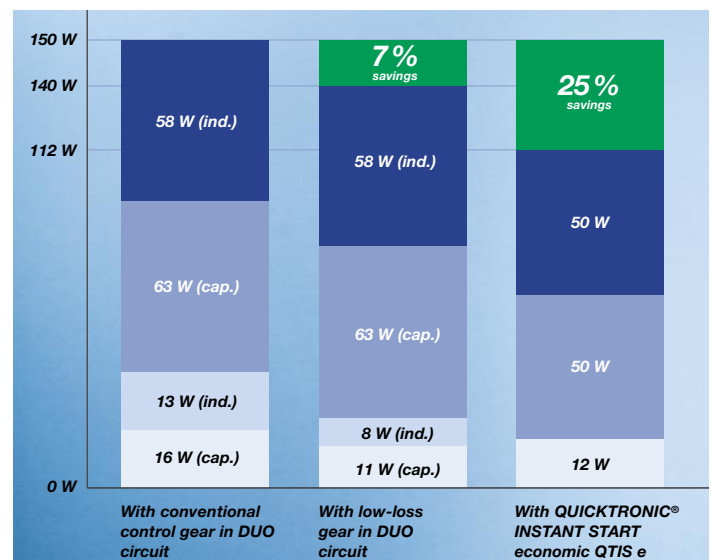
Even so, many luminaire manufacturers continue to opt for CCGs because they enable luminaires to be produced more cheaply. There is no longer any reason why consumers should have to forego the benefits of modern electronic operation and lighting comfort, now that OSRAM has launched QUICKTRONIC® INSTANT START *economic*, its new low-cost T8 ECG:

- Manufacturers can continue to produce low-cost luminaires but now with higher-quality technology
- Consumers benefit from better, more economical light – demand for modern cost-effective luminaires is growing
- Retail sales of luminaires and production volume by luminaire manufacturers will grow considerably

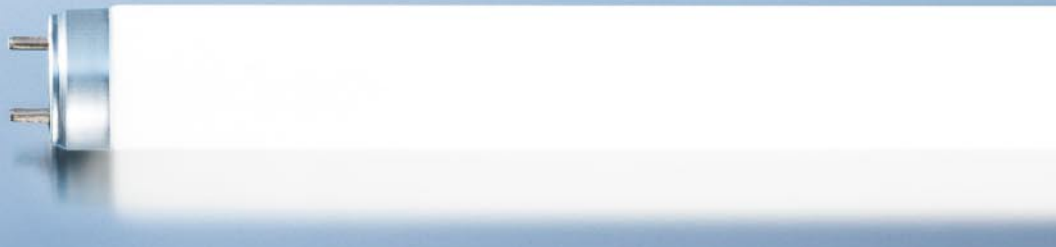
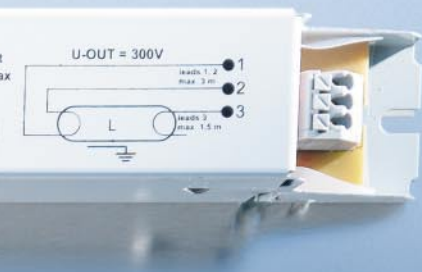
Major benefits of QUICKTRONIC® INSTANT START *economic*

One-part INSTANT START ECG

- For 1 and 2-lamp luminaires:
 - QTIS e 1x18, 36, 58/220-240
 - QTIS e 2x18, 36, 58/220-240
- For 3 and 4-lamp 18 W luminaires:
 - QTIS e 3x18, 4x18/220-240
- For 3-lamp 36 W luminaires: QTIS e 3x36/220-240
- Starting within 0.3 seconds
- For applications with infrequent on/off switching (maximum of 3 switching cycles/day)
- Reliable starting down to -15°C
- Reduction in energy consumption up to 25% compared with conventional control gear
- Slim short casing: 360x30x30 mm (QTIS e 3x36: 423x40x30 mm)
- Mounting dimensions: 350 mm (QTIS e 3x36: 415 mm)
- Low harmonic content (THD < 15%)
- Life: 30,000 h with 10% failure at Tc = 70°C or 50,000 h with 10% failure at Tc = 60°C
- For protection class I luminaires
- Approval marks:



Comparison of connected loads for a 2-lamp luminaire (2 x L 58 W)



START *economic*

Simple wiring – many options



1-lamp wiring for QTIS e
(18, 36, 58 W)

High potential, terminal 3
Maximum cable length:
Terminals 1, 2: 2 m
Terminal 3: 1 m
Ignition assistance required for
reliable starting at -15°C



2-lamp wiring for QTIS e
(18, 36, 58 W)

High potential, terminal 4
Maximum cable length:
Terminals 1, 2, 3: 2 m
Terminal 4: 1 m
Ignition assistance required for
reliable starting at -15°C



3 and 4-lamp wiring for QTIS e (18 W)

High potential, terminal 4
Maximum cable length:
Terminals 1, 2, 3: 2 m
Terminal 4: 1 m
Ignition assistance required for
reliable starting at -15°C

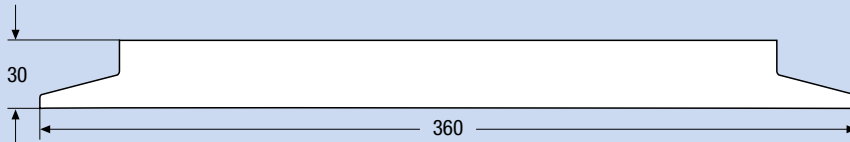
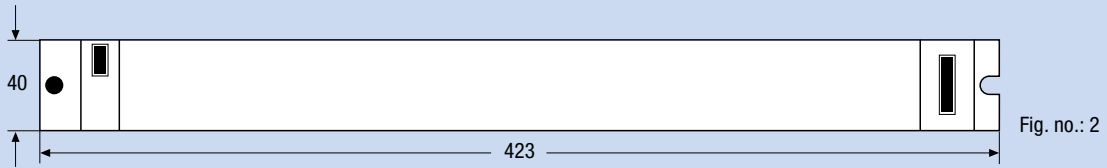
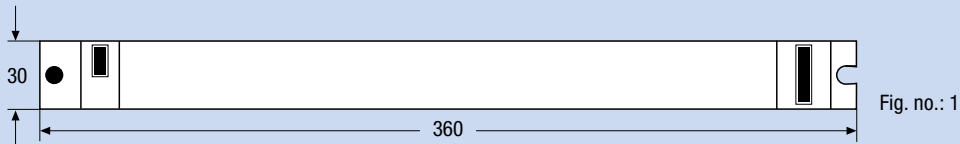



3-lamp wiring for QTIS e (36 W)

High potential, terminals 2, 3, 4, 5, 6, 7
Maximum cable length:
Terminal 1: 2 m
Terminals 2, 3, 4, 5, 6, 7: 1 m
Ignition assistance required for
reliable starting at -15°C

Technical data

Dimensions in mm



Reference	QTIS <i>e</i> 1x18	QTIS <i>e</i> 2x18	QTIS <i>e</i> 3x18, 4x18 3-lamp operation	QTIS <i>e</i> 3x18, 4x18 4-lamp operation	QTIS <i>e</i> 1x36	QTIS <i>e</i> 2x36	QTIS <i>e</i> 3x36	QTIS <i>e</i> 1x58	QTIS <i>e</i> 2x58
Product number (EAN)	4050300 775388	4050300 775401	4050300 940670	4050300 940670	4050300 940649	4050300 940663	4050300 856216	4050300 663845	4050300 663814
System wattage	18 W	36 W	63 W	70 W	36 W	70 W	99 W	58 W	112 W
Power factor (λ)	0.94	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Hole spacing	350 mm	350 mm	350 mm	350 mm	350 mm	350 mm	415 mm	350 mm	350 mm
Weight	250 g	360 g	360 g	360 g	300 g	315 g	440 g	315 g	360 g
Lamps	1xL18	2xL18	3xL18	4xL18	1xL36	2xL36	3xL36	1xL58	2xL58
Mains voltage	220 ... 240 V								
Mains frequency	50 ... 60 Hz								
Ambient temperature range	-15°C ... + 50°C								
Lamp start	INSTANT START								
Start time	0.3 seconds								
Permanent circuit	< 0.3 seconds								
Standby circuit	< 0.3 seconds								
Approval marks									
Safety	to EN 60928								
RFI suppression	to EN 55015								
Harmonic content	to EN 61000-3-2								
Immunity	to EN 61547								
Fig. no.	1	1	1	1	1	1	2	1	1

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