











## 8. Electronic Ballasts for Linear Fluorescent Lamps - Dimmable

### T8 ECO ELECTRONIC DIMMABLE BALLASTS FOR LINEAR T8 LAMPS

IMAGE	CATALOG NUMBER	LAMP WATTAGES	DIMENSIONS L X W X H mm	NUMBER OF TERMINALS ON OUTPUT	ARTICLE NUMBER	PACK QTY	TRADE PRICE EACH
	PCA1X18T8ECO	18	360 X 30 X 21	4	22185240	10	\$95.03
	PCA1X36T8ECO	36	360 X 30 X 21	4	28000035	10	\$95.03
	PCA1X58T8ECO	58	360 X 30 X 21	4	28000037	10	\$95.03
	PCA2X18T8ECO	2 X 18	360 X 30 X 21	7	22185243	10	\$105.21
	PCA2X36T8ECO	2 X 36	360 X 30 X 21	7	28000039	10	\$105.21
	PCA2X58T8ECO	2 X 58	425 X 30 X 21	7	28000041	10	\$105.21
	PCA3X18T8ECO (* NO DALI)	3 X 18	360 X 40 X 21	10 (4 AT INPUT END OF BALLAST)	22185245	20	\$164.33
	PCA4X18T8ECO (* NO DALI)	4 X 18	360 X 40 X 21	12 (4 AT INPUT END OF BALLAST)	22185248	20	POA
	PCA3X18T8EXCITE	3 X 18	360 X 40 X 21	10 (4 AT INPUT END OF BALLAST)	22185246	20	POA
	PCA4X18T8EXCITE	4 X 18	360 X 40 X 21	12 (4 AT INPUT END OF BALLAST)	22185249	20	POA

#### PRODUCT DESCRIPTION

Processor-controlled ballast with xitec II inside Highest possible energy class CELMA EEI = A1 BAT  
 Noise-free precise control via DALI\* or DSI signal, switchDIM or corridorFUNCTION  
 Nominal life up to 100,000 hours Multilamp management OEM-specific reserved memory areas 5 year guarantee

#### INTERFACES

DALI\* DSI switchDIM (with memory function + selectable dimming rate)  
 corridorFUNCTION (3 preprogrammed profiles) Integrated SMART interface for function with SMART Sensor 5D 19f and corridorFUNCTION plugs  
**THE EXCITE BALLASTS ONLY USE DALI AND switchDIM WITH NO SELECTABLE DIMMING RATE**

#### FUNCTIONS

Intelligent Temperature Guard (overtemperature protection) Intelligent Voltage guard (overvoltage indication and undervoltage shutdown)  
 Optimum filament heating in any dimmer setting Disconnection of filament heating from a dimming level of approx 90%  
 for maximum efficiency (SMART-Heating concept) corridorFUNCTION with ambient light control  
 Automatically triggered emergency lighting value in DC mode, 15% For emergency lighting systems as per EN 50172  
 Automatic start after replacement of defective lamps Automatic shutdown if the lamp is faulty

\*THE PCA3X18T8ECO AND PCA4X18T8ECO DO NOT HAVE A DALI INTERFACE THE T8 EXCITE RANGE MUST BE USED.