









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

### T8 EXCEL one4all 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
	PCA1X18T8EXCEL	18	360 X 30 X 21	4	22185239	10	\$118.57
	PCA1X36T8EXCEL	36	360 X 30 X 21	4	28000034	10	\$124.09
	PCA1X58T8EXCEL	58	360 X 30 X 21	4	28000036	10	\$127.76
	PCA2X18T8EXCEL	2 X 18	360 X 30 X 21	7	22185242	10	\$137.11
	PCA2X36T8EXCEL	2 X 36	360 X 30 X 21	7	28000038	10	\$136.11
	PCA2X58T8EXCEL	2 X 58	425 X 30 X 21	7	28000040	10	\$136.11
	PCA3X18T8EXCEL*	3 X 18	360 X 40 X 21	10 (4 AT INPUT END OF BALLAST)	22185247	20	\$132.27
	PCA4X18T8EXCEL*	4 X 18	360 X 40 X 21	12 (4 AT INPUT END OF BALLAST)	22185250	20	\$132.27

#### PRODUCT DESCRIPTION

Processor-controlled ballast with xitec II inside (excluding \*) 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 **Extended DALI commands** 5 year guarantee

#### INTERFACES

DALI DSI switchDIM (with memory function + selectable dimming rate)  
 corridorFUNCTION (3 preprogrammed profiles (excluding \*) + **individually programmable**)  
**Integrated SMART interface for function with all SMART sensors and SMART plugs of the xitec II range**

#### 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) **Fade rates between 100ms and 90s (min. - max.)**  
 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  
**Dimming possible in DC mode**  
 Backwards compatible (\* only)

\*THE PCA3X18T8EXCEL AND PCA4X18T8EXCEL DO NOT HAVE THE xitec II CHIP  
 SEE \* FOR DIFFERENCES IN BEHAVIOUR / PERFORMANCE.