











4. Electronic Ballasts for Linear Fluorescent Lamps - Dimmable

T5 EXCEL one4all ELECTRONIC DIMMABLE BALLASTS FOR LINEAR T5 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
	PCA1X14/24T5EXCEL	14 24	360 X 30 X 21	4	22185103	10	\$162.00
	PCA1X21/39T5EXCEL	21 39	360 X 30 X 21	4	22185110	10	\$162.00
	PCA1X28/54T5EXCEL	28 54	360 X 30 X 21	4	22185108	10	\$162.00
	PCA1X35/49/80T5EXCEL	35 49 80	360 X 30 X 21	4	22185105	10	\$162.00
	PCA2X14/24T5EXCEL	2 X 14 2 X 24	360 X 30 X 21	7	22185104	10	\$181.00
	PCA2X21/39T5EXCEL	2 X 21 2 X 39	360 X 30 X 21	7	22185111	10	\$181.00
	PCA2X28/54T5EXCEL	2 X 28 2 X 54	425 X 30 X 21	7	22185109	10	\$181.00
	PCA2X35/49T5EXCEL	2 X 35 2 X 49	360 X 30 X 21	7	22185106	10	\$181.00
	PCA3X14/24T5EXCEL*	3 X 14 3 X 24	360 X 40 X 21	10 (4 AT INPUT END OF BALLAST)	22176209	20	\$182.00
	PCA4X14/24T5EXCEL*	4 X 14 4 X 24	360 X 40 X 21	12 (4 AT INPUT END OF BALLAST)	22176210	20	\$278.00

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 PCA3X14/24T5EXCEL AND PCA4X14/24T5EXCEL DO NOT HAVE THE xitec II CHIP
SEE * FOR DIFFERENCES IN BEHAVIOUR / PERFORMANCE.