















1. Electronic Ballasts for Linear Fluorescent Lamps - Non Dimmable

ELECTRONIC 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
	PC1X14-35PROLP	14, 21, 28, 35	280 X 30 X 21	4	22185147	10	\$45.09
	PC1X24T5PROLP	24	280 X 30 X 21	4	22185149	10	\$45.09
	PC1X39T5PROLP	39	280 X 30 X 21	4	22185151	10	\$45.09
	PC1X49T5PROLP	49	280 X 30 X 21	4	22185153	10	\$45.09
	PC1X54T5PROLP	54	280 X 30 X 21	4	22185155	10	\$45.09
	PC1X80T5PROLP	80	280 X 30 X 21	4	22185209	10	\$58.45
	PC2X14-35PROLP	2 X 14, 2 X 21 2 X 28, 2 X 35	360 X 30 X 21	7	22185148	10	\$48.43
	PC2X24T5PROLP	2 X 24	360 X 30 X 21	6	22185150	10	\$48.43
	PC2X39T5PROLP	2 X 39	360 X 30 X 21	6	22185152		\$48.43
	PC2X49T5PROLP	2 X 49	360 X 30 X 21	7	22185154	10	\$48.43
	PC2X54T5PROLP	2 X 54	360 X 30 X 21	6	22185156	10	\$48.43
	PC2X80T5PROLP	2 X 80	425 X 30 X 21	6	22185210	10	\$65.64
	PC3/4X14PROLP	3 X 14 4 X 14	360 X 30 X 21	8 (+ 2 ON INPUT WHEN WIRED AS 4X)	22185211	10	\$71.81
	PC3/4X24PROLP	3 X 24 4 X 24	360 X 30 X 21	8 (+ 2 ON INPUT WHEN WIRED AS 4X)	22185212	10	\$71.81

PRODUCT DESCRIPTION

Highest CELMA Energy Efficiency Index A2 BAT
 Nominal life time up to 100,000 hours
 Large temperature range
 Intelligent Voltage Guard (overvoltage indication and undervoltage shutdown)
 Precise lamp operation using adjustment of lamp parameters
 Advance SMART-Heating for min. 50,000 starts without replacement of lamps
 Constant luminous flux irrespective of fluctuations in mains voltage
 Designed for THD < 10%
 For luminaires of protection class I and protection class II
 Automatic start after replacement of defective lamps
 Safety shutdown of defective lamps and at end of lamp life (EOL2)
 Insulation Displacement Connection (IDC) terminal
 for rapid automatic or manual wiring
 For emergency lighting as per EN 50172

2. Electronic Ballasts for Linear Fluorescent Lamps - Dimmable

T5 BASIC 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
	PCA1X14T5BASIC	1	360 X 30 X 21	4	22185076	10	\$76.00
	PCA1X21T5BASIC	21	360 X 30 X 21	4	22185090	10	\$78.33
	PCA1X24T5BASIC	24	360 X 30 X 21	4	22185078	10	\$78.33
	PCA1X28T5BASIC	28	360 X 30 X 21	4	22185086	10	\$76.00
	PCA1X35T5BASIC	35	360 X 30 X 21	4	22185080	10	\$78.33
	PCA1X39T5BASIC	39	360 X 30 X 21	4	22185092	10	\$78.33
	PCA1X49T5BASIC	49	360 X 30 X 21	4	22185082	10	\$78.33
	PCA1X54T5BASIC	54	360 X 30 X 21	4	22185088	10	\$78.33
	PCA1X80T5BASIC	80	360 X 30 X 21	4	22185084	10	\$78.33
	PCA2X14T5BASIC	2 X 14	360 X 30 X 21	7	22185077	10	\$85.17
	PCA2X21T5BASIC	2 X 21	360 X 30 X 21	7	22185091	10	\$87.68
	PCA2X24T5BASIC	2 X 24	360 X 30 X 21	7	22185079	10	\$87.68
	PCA2X28T5BASIC	2 X 28	425 X 30 X 21	7	22185087	10	\$85.17
	PCA2X35T5BASIC	2 X 35	360 X 30 X 21	7	22185081	10	\$87.68
	PCA2X39T5BASIC	2 X 39	360 X 30 X 21	7	22185093	10	\$87.68
	PCA2X49T5BASIC	2 X 49	360 X 30 X 21	7	22185083	10	\$87.68
	PCA2X54T5BASIC	2 X 54	425 X 30 X 21	7	22185089	10	\$87.68
	PCA2X80T5BASIC	2 X 80	360 X 30 X 21	7	22185085	10	\$87.68

PRODUCT DESCRIPTION

Processor-controlled ballast with xitec II inside Highest possible energy class CELMA EEI = A1 BAT
Noise-free precise control via DSI signal, switchDIM or corridorFUNCTION Nominal life up to 100,000 hours 5 year guarantee

INTERFACES













DSI switchDIM (with memory function) corridorFUNCTION (3 preprogrammed profiles)
Integrated SMART interface for function with SMART Sensor 5D 19f and corridorFUNCTION plugs

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.

3. Electronic Ballasts for Linear Fluorescent Lamps - Dimmable

T5 ECO/EXCITE 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
	PCA1X14/24T5ECO	14 24	360 X 30 X 21	4	22185094	10	\$89.52
	PCA1X21/39T5ECO	21 39	360 X 30 X 21	4	22185101	10	\$89.52
	PCA1X28/54T5ECO	28 54	360 X 30 X 21	4	22185099	10	\$89.52
	PCA1X35/49/80T5ECO	35 49 80	360 X 30 X 21	4	22185096	10	\$89.52
	PCA2X14/24T5ECO	2 X 14 2 X 24	360 X 30 X 21	7	22185095	10	\$99.04
	PCA2X21/39T5ECO	2 X 21 2 X 39	360 X 30 X 21	7	22185102	10	\$99.04
	PCA2X28/54T5ECO	2 X 28 2 X 54	425 X 30 X 21	7	22185100	10	\$99.04
	PCA2X35/49T5ECO	2 X 35 2 X 49	360 X 30 X 21	7	22185097	10	\$99.04
	PCA2X80T5ECO	2 X 80	425 X 30 X 21	7	22185098	10	\$99.04
	PCA4X14/24T5ECO (NO DALI)*	4 X 14 4 X 24	360 X 40 X 21	12 (4 AT INPUT END OF BALLAST)	22176212	20	\$157.49
	PCA3X14/24T5EXCITE	3 X 14 3 X 24	360 X 40 X 21	10 (4 AT INPUT END OF BALLAST)	22176710	20	POA
	PCA4X14/24T5EXCITE	4 X 14 4 X 24	360 X 40 X 21	12 (4 AT INPUT END OF BALLAST)	22176711	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 PCA4X14/24T5ECO DO NOT HAVE A DALI INTERFACE THE T5 EXCITE RANGE MUST BE USED.

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	\$123.35
	PCA1X21/39T5EXCEL	21 39	360 X 30 X 21	4	22185110	10	\$123.35
	PCA1X28/54T5EXCEL	28 54	360 X 30 X 21	4	22185108	10	\$123.35
	PCA1X35/49/80T5EXCEL	35 49 80	360 X 30 X 21	4	22185105	10	\$123.35
	PCA2X14/24T5EXCEL	2 X 14 2 X 24	360 X 30 X 21	7	22185104	10	\$137.08
	PCA2X21/39T5EXCEL	2 X 21 2 X 39	360 X 30 X 21	7	22185111	10	\$137.08
	PCA2X28/54T5EXCEL	2 X 28 2 X 54	425 X 30 X 21	7	22185109	10	\$137.08
	PCA2X35/49T5EXCEL	2 X 35 2 X 49	360 X 30 X 21	7	22185106	10	\$137.08
	PCA2X80T5EXCEL	2 X 80	425 X 30 X 21	7	22185107	10	\$137.08
	PCA3X14/24T5EXCEL*	3 X 14 3 X 24	360 X 40 X 21	10 (4 AT INPUT END OF BALLAST)	22176209	20	\$132.27
	PCA4X14/24T5EXCEL*	4 X 14 4 X 24	360 X 40 X 21	12 (4 AT INPUT END OF BALLAST)	22176210	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 PCA3X14/24T5EXCEL AND PCA4X14/24T5EXCEL DO NOT HAVE THE xitec II CHIP
SEE * FOR DIFFERENCES IN BEHAVIOUR / PERFORMANCE.

5. Electronic Ballasts for Linear Fluorescent Lamps - Non Dimmable

T8 PRO ELECTRONIC 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
	PC1X18T8PRO	18	234 X 40 X 28	4	22176093	10	\$58.00
	PC1X30T8PRO	30	234 X 40 X 28	4	22176077	10	\$70.00
	PC1X36T8PRO	36	234 X 40 X 28	4	22176217	10	\$58.00
	PC1X58T8PRO	58	234 X 40 X 28	4	22176094	10	\$58.00
	PC1X70T8PRO	70	234 X 40 X 28	4	22176171	10	\$70.00
	PC2X18T8PRO	2 X 18	234 X 40 X 28	6	22176107	10	\$65.80
	PC2X30T8PRO	2 X 30	234 X 40 X 28	6	22176078	10	\$81.90
	PC2X36T8PRO	2 X 36	280 X 30 X 28	6	22185217	10	\$65.80
	PC2X58T8PRO	2 X 58	280 X 30 X 28	6	22185218	10	\$65.80
	PC2X70T8PRO	2 X 70	360 X 40 X 28	6	22176232	10	\$81.90
	PC3X18T8PRO	3 X 18	234 X 40 X 28	8	22176187	10	\$82.70
	PC4X18T8PRO	4 X 18	234 X 40 X 28	10 (2 ON INPUT END OF BALLAST)	22176163	10	\$85.50
	PC3X36T8PRO	3 X 36	360 X 40 X 28	8	22176231	10	\$82.70

PRODUCT DESCRIPTION

Average life = 50,000 hours
 Large temperature range
 Safety shutdown of defective lamps
 Automatic start after replacement of defective lamps
 For emergency lighting as per EN 50172
 Constant luminous flux irrespective of fluctuations in mains voltage
 For luminaires of protection class 1 and protection class 2
 For luminaires with F or M and MM as per EN 60598, VDE 0710 and VDE 0711
 Insulation Displacement Connection (IDC) terminal
 for rapid automatic or manual wiring
 Temperature protection as per EN 61347-2-3 C5e

6. Electronic Ballasts for Linear Fluorescent Lamps - Non Dimmable

T8 TOP ELECTRONIC 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
	PC1X18T8TOP	18	280 X 30 X 28	4	22176366	25	\$46.70
	PC1X36T8TOP	36	280 X 30 X 28	4	22176370	25	\$46.70
	PC1X58T8TOP	58	280 X 30 X 28	4	22176373	25	\$46.70
	PC2X18T8TOP	2 X 18	280 X 30 X 28	6	22176367	25	\$51.80
	PC2X36T8TOP	2 X 36	280 X 30 X 28	6	22176371	25	\$51.80
	PC2X58T8TOP	2 X 58	360 X 30 X 28	6	22176374	25	\$51.80

PRODUCT DESCRIPTION

CELMA Energy Efficiency Index A2

Nominal life time up to 50,000 hours

Large temperature range

Fixed frequency operation for constant lamp current

Lamp preheating for min. 30,000 starts without replacement of lamps

Constant luminous flux irrespective of fluctuations in mains voltage

Designed for THD < 10%

For luminaires of protection class 1 and protection class 2

Automatic start after replacement of defective lamps (detects 1 lamp)







Safety shutdown of defective lamps

Push terminal for rapid automatic or manual wiring

Temperature protection as per EN 61347-2-3 C5e

7. Electronic Ballasts for Linear Fluorescent Lamps - Dimmable

T8 BASIC 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
	PCA1X18T8BASIC	18	360 X 30 X 21	4	22185241	10	\$84.84
	PCA1X36T8BASIC	36	360 X 30 X 21	4	28000042	10	\$84.84
	PCA1X58T8BASIC	58	360 X 30 X 21	4	28000043	10	\$84.84
	PCA2X18T8BASIC	2 X 18	360 X 30 X 21	7	22185244	10	\$95.03
	PCA2X36T8BASIC	2 X 36	360 X 30 X 21	7	28000044	10	\$95.03
	PCA2X58T8BASIC	2 X 58	425 X 30 X 21	7	28000045	10	\$95.03

PRODUCT DESCRIPTION

Processor-controlled ballast with xitec II inside
 Highest possible energy class CELMA EEI = A1 BAT
 Noise-free precise control via DSI signal, switchDIM or corridorFUNCTION
 Nominal life up to 100,000 hours
 5 year guarantee

INTERFACES











DSI
 switchDIM (with memory function)
 corridorFUNCTION (3 preprogrammed profiles)
 Integrated SMART interface for function with SMART Sensor 5D 19f and corridorFUNCTION plugs

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.

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.

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.

10. Electronic Ballasts for Compact Fluorescent Lamps - Non Dimmable

TC PRO ELECTRONIC BALLASTS FOR COMPACT 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
	PC1/2X9-13TCPRO	1 X 9, 2 X 9 1 X 10, 2 X 10 1 X 11, 2 X 11 1 X 13, 2 X 13	103 X 67 X 31	6	22176405	15	\$65.80
	PC1/2X11-17TCPRO	1 X 11, 2 X 11 1 X 14, 2 X 14 1 X 17, 2 X 17	103 X 67 X 31	6	22176406	15	\$72.00
	PC1/2X18TCPRO	1 X 18 2 X 18	103 X 67 X 31	6	22176407	15	\$65.80
	PC1X18/24TCLPRO	1 X 18 TCL 1 X 24 TCL	234 X 40 X 28	4	22176068	10	\$65.80
	PC1/2X26-42TCPRO	1 X 22 T5C 1 X 40 T5C 2 X 22 T5C 1 X 24 1 X 26, 2 X 26 1 X 32, 2 X 32 1 X 42	103 X 67 X 31	6	22176408	15	\$72.00
	PC1X36TCLPRO	1 X 36 TCL 1 X 38 T8	234 X 40 X 28	4	22176141	10	\$65.80
	PC1X40TCLPRO	1 X 40 TCL	234 X 40 X 28	4	22176142	10	\$65.80
	PC1X55TCLPRO	1 X 55 TCL 1 X 55 T5c	234 X 40 X 28	4	22176169	10	\$65.80
	PC1X57/70TCPRO	1 X 57 1 X 70	123 X 79 X 31	6	22176409	10	\$65.80
	PC2X18/24TCLPRO	2 X 18 TCL 2 X 24 TCL	234 X 40 X 28	6	22176069	10	\$72.00
	PC2X26-42TCPRO	1 X 22 + 1 X 40 T5C 2 X 40 T5C 2 X 18 TCL, 2 X 26 2 X 32, 2 X 42	123 X 79 X 31	6	22176410	10	\$72.00
	PC2X36TCLPRO	2 X 36 TCL 2 X 38 T8	234 X 40 X 28	6	22176170	10	\$72.00
	PC2X40TCLPRO	2 X 40 TCL	234 X 40 X 28	6	22176143	10	\$72.00
	PC2X55TCLPRO	2 X 55 TCL 2 X 55 T5c	360 X 40 X 28	6	22176233	10	\$86.00

PRODUCT DESCRIPTION

CELMA Energy Efficiency Index A2 BAT / A2 Nominal life time up to 100,000 hours Large temperature range Devices can operate either 1 or 2 lamps
Intelligent Voltage Guard (overvoltage indication and undervoltage shutdown) Constant luminous flux irrespective of fluctuations in mains voltage
For luminaires of protection class 1 and protection class 2 Automatic start after replacement of defective lamps
Safety shutdown of defective lamps and at end of lamp life (EOL 2) For emergency lighting systems as per EN 50172
For luminaires with M and MM as per EN 60598, VDE 0710 and VDE 0711 Temperature protection as per EN 61347-2-3 C5e

11. Electronic Ballasts for Compact and T5C Fluorescent Lamps - Dimmable

TC BASIC ELECTRONIC DIMMABLE BALLASTS FOR COMPACT AND T5C 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
	PCA1X11/13TCBASIC	11, 13 14, 17	123 X 79 X 31	4	22185118	10	\$82.34
	PCA1X18TCBASIC	18 (NOT TCL)	123 X 79 X 31	4	22185114	10	\$80.16
	PCA1X18/24TCLBASIC	18 (TCL) 22 (T5C) 24	123 X 79 X 31	4	22185253	10	\$80.16
	PCA1X26-57TCBASIC	26, 32 40 (T5C & TCL) 42, 57	123 X 79 X 31	4	22185112	10	\$80.16
	PCA1X28TCDDBASIC	28 (2D)	123 X 79 X 31	4	22185256	10	\$82.34
	PCA1X55T5cBASIC	55 (T5C)	123 X 102 X 31	4	22185116	10	\$82.34
	PCA2X11/13TCBASIC	2 X 11, 2 X 13 2 X 14, 2 X 17	123 X 102 X 31	8	22185119	10	\$89.52
	PCA2X18TCBASIC	2 X 18 (NOT TCL)	123 X 102 X 31	8	22185115	10	\$89.52
	PCA2X18/24TCLBASIC	2 X 18 (TCL) 22 (T5C) 2 X 24	123 X 102 X 31	8	22185259	10	\$89.52
	PCA2X26-42TCBASIC	2 X 26, 2 X 32 2 X 42	123 X 102 X 31	8	22185113	10	\$89.52

PRODUCT DESCRIPTION

Processor-controlled ballast with xitec II inside Highest possible energy class CELMA EEI = A1 BAT
Noise-free precise control via DSI signal, switchDIM or corridorFUNCTION Nominal life up to 100,000 hours 5 year guarantee

INTERFACES












DSI switchDIM (with memory function) corridorFUNCTION (3 preprogrammed profiles)
Integrated SMART interface for function with SMART Sensor 5D 19f and corridorFUNCTION plugs

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.

12. Electronic Ballasts for Compact and T5C Fluorescent Lamps - Dimmable

TC ECO ELECTRONIC DIMMABLE BALLASTS FOR COMPACT AND T5C 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
	PCA1X11/13TCECO	11, 13 14, 17	123 X 79 X 31	4	22185126	10	\$95.03
	PCA1X18TCECO	18 (NOT TCL)	123 X 79 X 31	4	22185122	10	\$89.52
	PCA1X18/24TCLECO	18 (TCL) 22 (T5C) 24	123 X 79 X 31	4	22185252	10	\$89.52
	PCA1X26-57TCECO	26, 32 40 (T5C & TCL) 42, 57	123 X 79 X 31	4	22185120	10	\$89.52
	PCA1X28TCDDECO	28 (2D)	123 X 79 X 31	4	22185255	10	\$95.03
	PCA1X55T5cECO	55 (T5C)	123 X 79 X 31	4	22185124	10	\$95.03
	PCA1X35/49/80T5ECO	55 (TCL)	360 X 30 X 21	4	22185096	10	\$89.52
	PCA2X11/13TCECO	2 X 11, 2 X 13 2 X 14, 2 X 17	123 X 102 X 31	8	22185127	10	\$105.21
	PCA2X18TCECO	2 X 18 (NOT TCL)	123 X 102 X 31	8	22185123	10	\$99.04
	PCA2X18/24TCLECO	2 X 18 (TCL) 2 X 24	123 X 102 X 31	8	22185258	10	\$99.04
	PCA2X26-42TCECO	2 X 26, 2 X 32 2 X 42	123 X 102 X 31	8	22185121	20	\$99.04

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

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

13. Electronic Ballasts for Compact and T5C Fluorescent Lamps - Dimmable

TC EXCEL one4all ELECTRONIC DIMMABLE BALLASTS FOR COMPACT AND T5C 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
	PCA1X11/13TCEXCEL	11, 13 14, 17	123 X 79 X 31	4	22185134	10	\$123.42
	PCA1X18TCEXCEL	18 (NOT TCL)	123 X 79 X 31	4	22185130	10	\$123.42
	PCA1X18/24TCLEXCEL	18 (TCL) 22 (T5C) 24	123 X 79 X 31	4	22185251	10	\$123.42
	PCA1X26-57TCEXCEL	26, 32 40 (T5C & TCL) 42, 57	123 X 79 X 31	4	22185128	10	\$123.42
	PCA1X28TCDDEXCEL	28 (2D)	123 X 79 X 31	4	22185254	10	\$132.08
	PCA1X55T5cEXCEL	55 (T5C)	123 X 79 X 31	4	22185132	10	\$132.08
	PCA2X11/13TCEXCEL	2 X 11, 2 X 13 2 X 14, 2 X 17	123 X 103 X 31	8	22185135	10	\$137.11
	PCA2X18TCEXCEL	2 X 18 (NOT TCL)	123 X 103 X 31	8	22185131	10	\$137.11
	PCA2X18/24TCLEXCEL	2 X 18 (TCL) 2 X 24	123 X 103 X 31	8	22185257	10	\$137.11
	PCA2X26-42TCEXCEL	2 X 26, 2 X 32 2 X 42	123 X 103 X 31	8	22185129	20	\$137.11

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 **Extended DALI commands** 5 year guarantee

INTERFACES

DALI DSI switchDIM (with memory function + selectable dimming rate) corridorFUNCTION (3 preprogrammed profiles + **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**

14. Miniature Electronic Ballasts for Fluorescent Lamps - Non Dimmable

PC BASIC MINIATURE ELECTRONIC BALLASTS FOR FLUORESCENT 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
	PC1X4-13WBASIC	4, 6, 8, 13 (T5) 10 (2D)	80 X 40 X 21	4	24138831	25	\$40.00
	PC1X5-16WBASIC	5, 7, 9, 10, 11, 13 (TC) 16 (2D)	80 X 40 X 21	4	24138830	25	\$40.00
	PC1X18WBASIC	18 (NOT TCL)	80 X 40 X 21	4	24138829	25	\$40.00
	PC1X26WBASIC	26 (TC) 28 (2D)	80 X 40 X 21	4	24136208	25	\$40.00
	PC1X4-13BASICSLS	4, 6, 8, 13 (T5) 10 (2D)	145 X 22 X 21	4	24138834	25	\$40.00
	PC1X5-16BASICSLS	5, 7, 9, 10, 11, 13 (TC) 16 (2D)	145 X 22 X 21	4	24138833	25	\$40.00
	PC1X18BASICSLS	18 (NOT TCL)	145 X 22 X 21	4	24138832	25	\$40.00
	PC1X18-24BASICSLS	18 (T8 & TCL) 24 (T5 & TCL)	145 X 22 X 21	4	22176000	25	\$40.00
	PC1X26BASICSLS	26 (TC) 28 (2D)	145 X 22 X 21	4	22176001	25	\$40.00
	PC1X14-21BASICSLS	14, 21 (T5)	145 X 22 X 21	4	22176002	25	\$40.00
	PC1X8BASICSLS*	8 (T5)	145 X 22 X 21	4	22176026	25	\$40.00

PRODUCT DESCRIPTION

CELMA Energy Efficiency Index A2 / A3 Nominal life time up to 50,000 hours
 Large temperature range Automatic start after replacement of defective lamps
 Safety shutdown of defective lamps and at end of lamp life Temperature protection as per EN 61347-2-3 C5e
 For emergency lighting systems as per EN 50172 (* only)