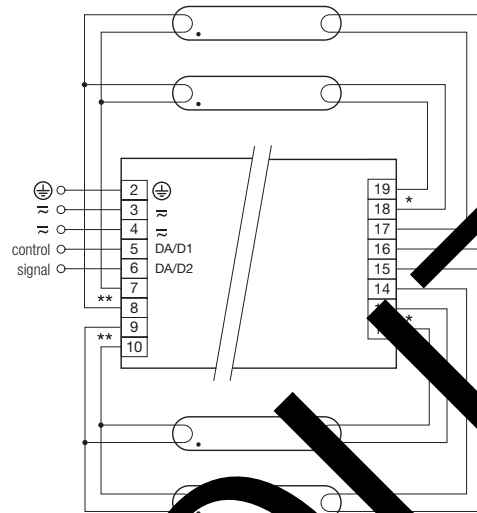


* leads 12, 13: keep wires short, max. 1.0 m
** leads 9, 10, 14, 15, 16, 17: keep wires short, max. 0.5 m
leads 7, 8: max. 2.0 m

PCA T8 EXCEL one4all Ip xitec 3x18 W



* leads 2, 13, 18, 19: keep wires short, max. 1.0 m
** leads 7, 8, 9, 10: keep wires short, max. 0.5 m
leads 4, 15, 16, 17: max. 2.0 m

PCA T8 EXCEL one4all Ip xitec 4x18 W

Dimmable ballasts from Tridonic have to be earthed.

RFI

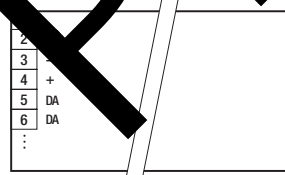
- Connection to the lamps of the hot leads must be kept as short as possible
- Mains leads should be kept apart from lamp leads (ideally 5–10 cm distance)
- Do not run mains leads adjacent to the electronic ballast
- Twist the lamp leads
- Keep the distance of lamp leads from the metal work as large as possible
- Mains wiring to be twisted when through wiring
- Keep the mains leads inside the luminaire as short as possible

General advise

Electronic ballasts are virtually noise free. Magnetic fields generated during the ignition cycle can cause some background noise but only for a few milliseconds.

Operation at DC voltage

Our ballasts are constructed to operate DC voltage and pulsed DC voltage. For operation with pulsed DC voltage the polarity is absolute mandatory.



Programming

With appropriate software and a USB interface, different functions can be activated and various parameters can be configured on the new PCA T8 EXCEL one4all Ip xitec units that is needed is a PC-USB and the software.

MASTER CONFIGURATOR

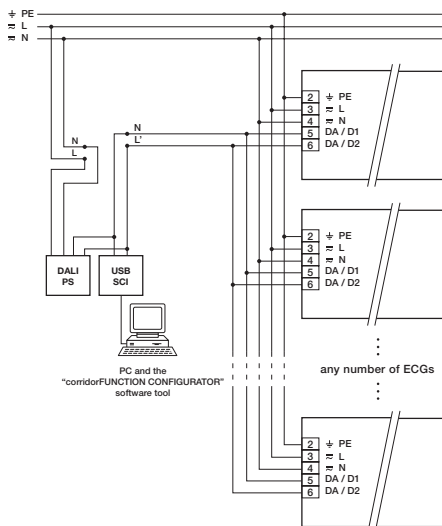
Full version for programming all the functions and parameters.

CORRIDOR CONFIGURATOR

For programming the corridorFUNCTION, device configuration (time, ePowerOnLevel, etc.) DC level, compatibility settings, and startup date and for setting.

CORRIDORFUNCTION CONFIGURATOR

For activating and deactivating the corridorFUNCTION and for project-specific programming of the PCA T8 EXCEL one4all Ip xitec units.



Wiring diagram for programming

Isolation and electric strength testing of luminaires

Electronic devices can be damaged by high voltage. This has to be considered during the routine testing of the luminaires in production.

According to IEC 60598-1 Annex Q (informative only!) or ENEC 303-Annex A, each luminaire should be submitted to an isolation test with 500 V DC for 1 second. This test voltage should be connected between the interconnected phase and neutral terminals and the earth terminal.

The isolation resistance must be at least 2 MΩ.

As an alternative, IEC 60598-1 Annex Q describes a test of the electrical strength with 1500 V AC (or 1.414 x 1500 V DC). To avoid damage to the electronic devices this test must not be conducted.

Additional information

Additional technical information at www.tridonic.com → Technical Data

Guarantee conditions at www.tridonic.com → Services

Life-time declarations are informative and represent no warranty claim.

No warranty if device was opened.