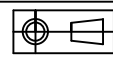


DRAWING NUMBER
NPWD042B

DO NOT SCALE



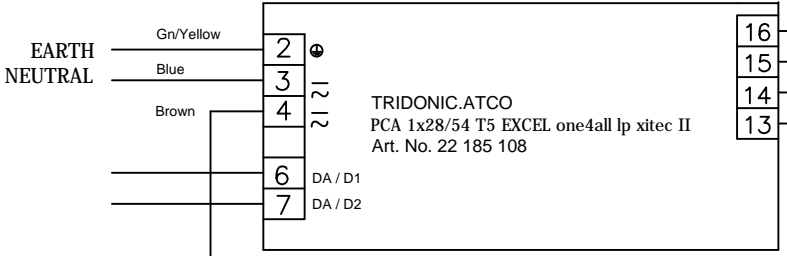
ISS	DATE	CHANGE	APPROVAL	ZONE
A	1/08/2013	ORIGINAL ISSUE		
B	26/03/2015	NEW WIRING TEMPLATE		

* WIRE LENGTH AS MARKED ON THE BALLAST

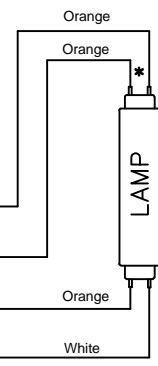
EMC filter connections:
Refer product sample or
filter connection diagram
supplied with the pack.

Dimming ballast:

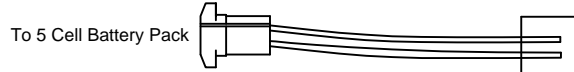
1. If the dimming ballasts are to be employed with NEXUS/RF, then the NEXUS/RF power packs should be assigned as a Non-Maintained. This is required as the ballast may be dimmed to low levels, at which point a Maintained NEXUS/RF power pack would report a faulty lamp.
2. Please also note that if the lamps are dimmed and the emergency lighting test is initiated via the NEXUS/RF system the lamps may come to full brightness on completion of the test, depending on functionality of the dimming ballast used.



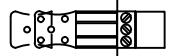
TRIDONIC.ATCO
PCA 1x28/54 T5 EXCEL one4all lp xitec II
Art. No. 22 185 108



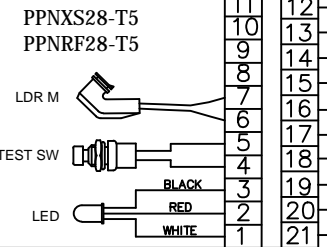
LDR is not used.
If the pack is configure
as a Non-maintained



Data cable connects via 3way combicon plug
supplied with the pack



SWITCHED ACTIVE
NEUTRAL
240Vac 50Hz
EARTH
UN-SWITCHED ACTIVE



SWITCHED ACTIVE

Keep earth wire short.
If possible use ring terminal
and earth at control pack
mounting screw.

ANTENNA, DATA & BATTERY PACK CONNECTIONS NOT SHOWN

NOTES:

1. Wiring status: Draft - Not tested. The ballast / power pack combination has not been wired up and tested to confirm functional compatibility.
2. This wiring diagram is provided in good faith and the best of our knowledge at the time of publication. Thomas and Betts does not give any warranty or representation as to the accuracy, reliability or completeness of the information. Thomas and Betts shall not be liable for any loss or damage arising in any way from or in connection with any information provided or omitted, or from anyone acting or refraining to act in reliance on this information.
3. Changes to ballast specification by the manufacturer are beyond our control and may cause adverse effect on the performance, EMC issue and compatibility issue. Consult Thomas and Betts for further advise.

DRAWN	G.K.Grover	Thomas&Betts <small>A Member of the ABB Group</small> <small>ABN 62074810898 23A NYRANG ST, LIDCOMBE NSW 2141 AUSTRALIA</small>		
CHECKED	-----	TITLE		
APPROVED	G.K.Grover	Wiring diagram using PPNXS28-T5/PPNRF28-T5 using TRIDONIC PCA 1x28/54 T5 EXCEL one4all lp xitec II Ele Ballast		
DATE:	26/03/15	USED ON	PPNRF28-T5	DRAWING NUMBER NPWD042B
DRAWING STD AS 1100		SCALE	N.T.S.	SHEET 1 OF 1
				SHEET SIZE A3