

New Products Information

Distributed to √ Areas:

All Areas	Oceania	Europe	√
China	India	NA	
ASEAN and Others	ME	LA	
Taiwan	Africa	Brazil	
NOTE ()			

HITACHI

TECHNICAL BULLETIN

SUBJECT:
Re-launching production for PC-AMTB Multitenant building connection board

DATE: NOV 17

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Summary

1. This Technical Bulletin provides the information about the re-launching of PC-AMTB Multitenant building connection board.
2. The details are indicated in the description.

Description

1. Applicable product

PC-AMTB connection board for multitenant buildings will be available again for sales as indicated in the table below:

Model	Code	Description	Application Date	Picture
PC-AMTB	7E519200	Multitenant building connection board	Nov'2017	

2. Affected Markets

Europe

3. Models to be re-launched

Background

PC-AMTB was discontinued from October 2015 as announced in the EG-2016010 due to a software problem causing a communication alarm in the Air Conditioning installations

This matter was checked and solved. A field test was done to confirm the correct operation on site. The product is now ready to be released again for sales, keeping the same model name and product code.

In order to ensure the proper performance of this device, the following restrictions have now to be considered:

- Limitation on the maximum quantity of PC-AMTB devices per HLINK bus: **64 units max**.
- Calculation formula for the power supply source capacity

The power supply capacity must not be lower than the necessary power required based on the following formula:

$$P_{\text{power supply}} (\text{watt}) \geq (\text{NAtype} * 4.7 + \text{NBtype} * 7)$$

Previous minimization factor 0.7 for the calculation of the required power supply has been removed to ensure power supply capacity at system start-up

Where:

- NAtype: Number of multitenant devices installed to A type indoor units.
- NBtype: Number of multitenant devices installed to B type indoor units.



NOTE

- Indoor unit models type A: All indoor units except B and C type.
- Indoor unit models type B: RPI-(8.0/10.0)FSN3E.
- Indoor unit models type C: RPI-(16.0/20.0)FSN3PE(-f), which cannot be used with PC-AMTB.

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- Information table indicating the maximum wiring length for the power supply wiring, according to the cable size and the quantity of PC-AMTB devices per wire branch.

Cable size	Number of PC-AMTB on the wire branch		
	2 devices	4 devices	8 devices
0,75 mm ²	114 m	57 m	28 m
1,00 mm ²	152 m	76 m	38 m
1,50 mm ²	228 m	114 m	57 m
2,50 mm ²	381 m	190 m	95 m

- The power supply wiring must be selected according to the above selection table to enforce that the maximum allowed voltage drop is 4 % of the nominal voltage.

Sales procedure:

PO received for PC-AMTB will be processed as normal sales order from 30/11/2017