



# IN-LINE DUCT EXPLOSION PROOF FAN

## ILT ATEX Series

ILT/4-285 EEXeIIT3 \*230/400V  
50\*-B



Explosion proof versions in accordance to ATEX Directive for three phase models. For ambient working temperatures from -20°C to +55°C.

- ATEX Increased safety - Gas
- II2G Exe II T3 Gb.
- EC: LOM II ATEX 2026 X



Range of in-line rectangular duct fan, specially designed for the extraction of potentially hazardous and explosive gases. Manufactured from galvanised steel sheet and provided with an inspection cover that can be removed to access the motor/ impeller assembly without having to remove the complete fan casing from the ducting. All model incorporate direct drive forward curved centrifugal impeller. Working temperature from -20 to 55 °C.

### Motors

Available in 4 poles.

Speed controller by auto-transformer (RMT\*).

Speed controllable by inverter (VFTM\*).

\* These accessories are certified for use with the equipment. For that reason, they cannot be substituted with any other type or brand of accessory.

Electrical supply:

-Three phase 230/400V-50Hz.

### On request

Three phase motors 400V-50Hz.

### + Attributes



**Easy to install**  
Standard rectangular flanges to ease the installation.



**IP55 remote terminal box**  
To ease installation and maintenance.



**Inspection cover**  
To facilitate maintenance.



**Non-sparking construction**  
Non-sparking construction in copper.



**Earth connection**

## **+ Acoustic characteristics**

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## **+ Technical characteristics**

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## + Dimensions

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## + Curves



## + Electrical Accessories

### ELECTRICAL ACCESSORIES (INSTALLED OUTSIDE THE ATEX AREA)

NOTE: The following accessories are certified for use with the equipment. For that reason, they cannot be substituted with any other type or brand of accessory.



**RMB/RMT**  
Three phase speed controller.



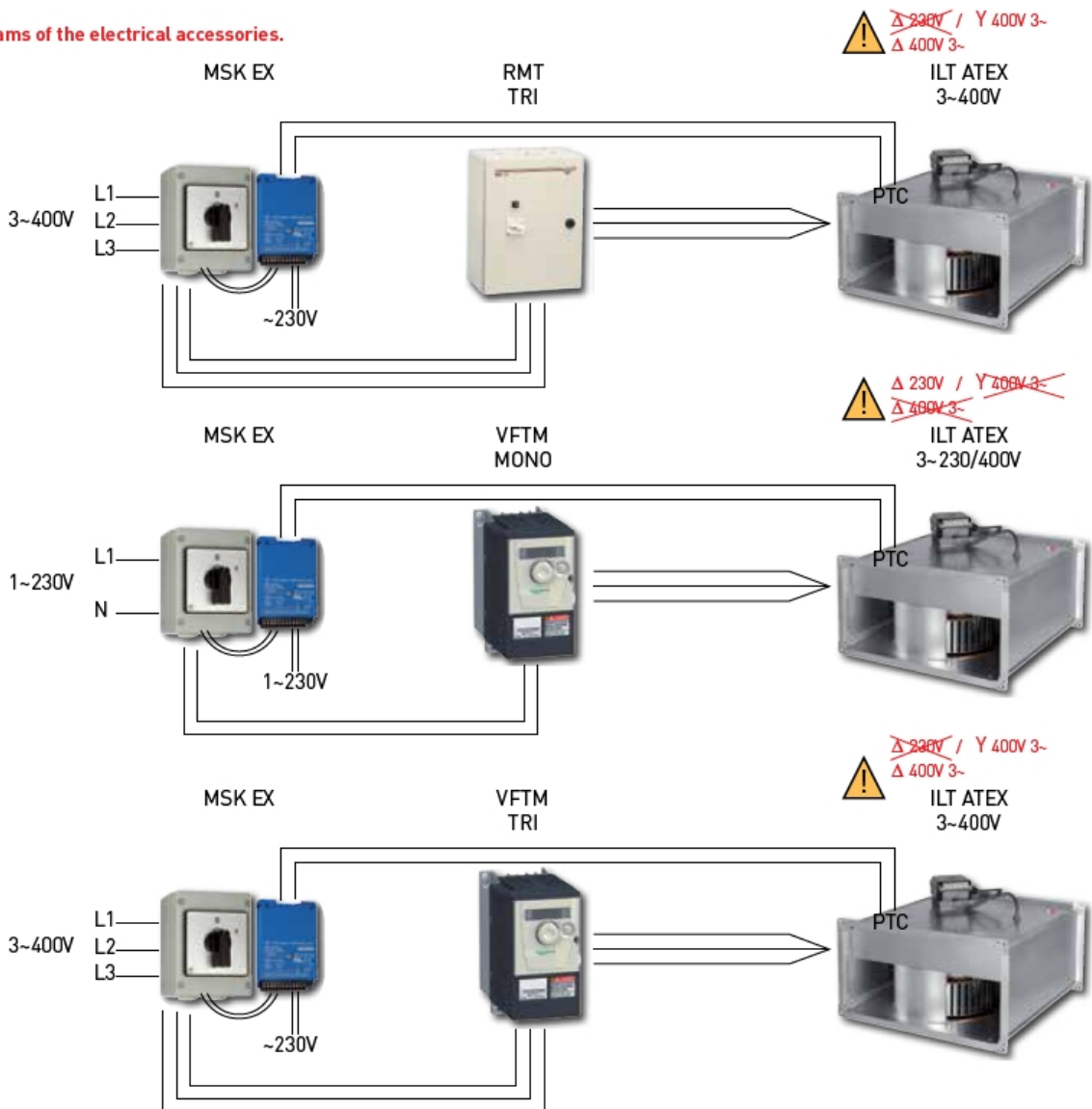
**VFTM IP21**  
Adjustable frequency drives.



**Protection system for the motor MSK EX**  
Set comprising a protection relay in combination with a circuit breaker.  
For 400V three-phase motors with PTC.

For more information see Electrical accessories.

#### Connection diagrams of the electrical accessories.



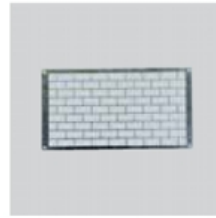
## + Specific Accessories



**ISA**  
Anti-vibration  
mounting.  
1 ISA = 4 supports.



**IBR**  
Rectangular duct  
flange.



**DEF**  
Rectangular defense  
guard.



**IAE EX**  
Rectangular flexible  
connector.



**IAA**  
**Sound Attenuators**  
Designed to reduce  
in-duct sound levels.  
All models are  
designed in 1m length.