



# Industrial air coolers Arctigo IS

Instruction manual



This Instruction Manual is to be used in combination with Alfa Laval publication ERC00537 (General installation and maintenance instructions for air coolers).

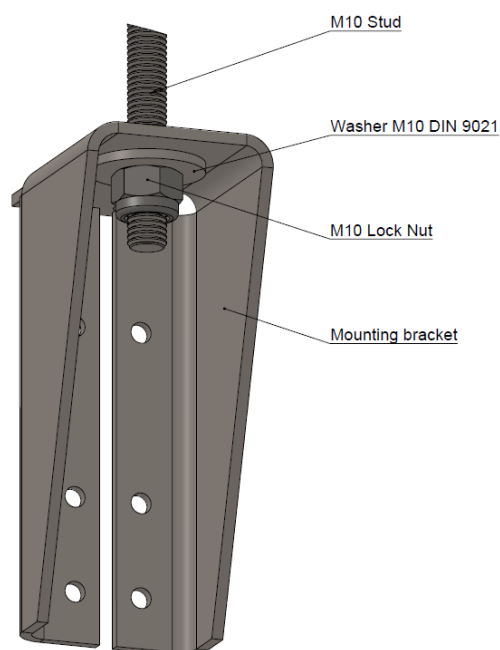
## Product information

Comprehensive product information for all Alfa Laval air heat exchangers is available on [www.alfalaval.com](http://www.alfalaval.com), including:

- Product leaflets
- General installation and maintenance instructions
- Instruction manuals
- Dimensional drawings
- Electrical connections



## Ceiling mounting bracket detail

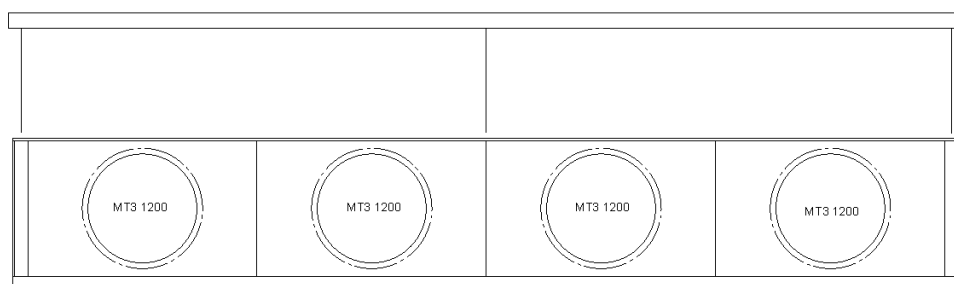
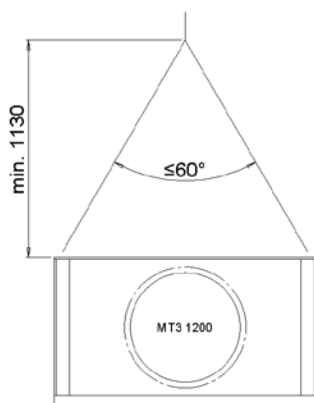
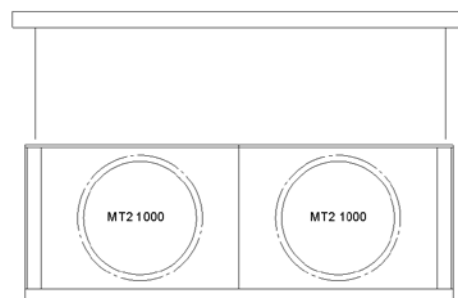
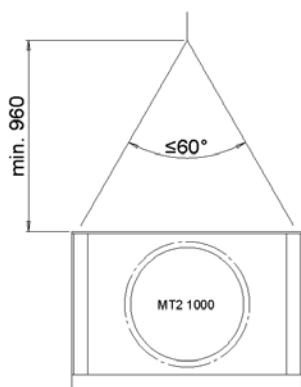
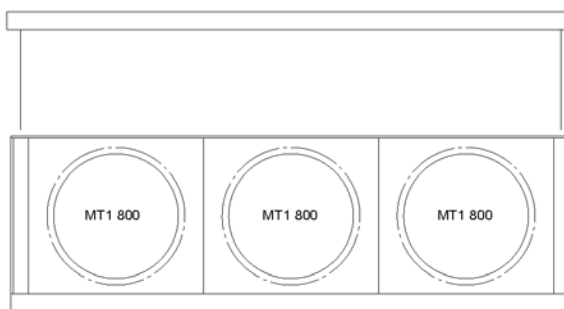
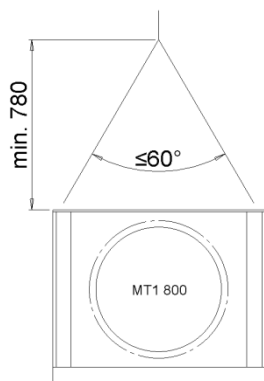


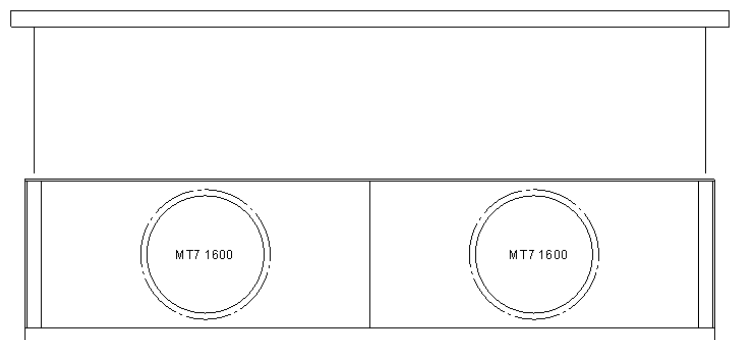
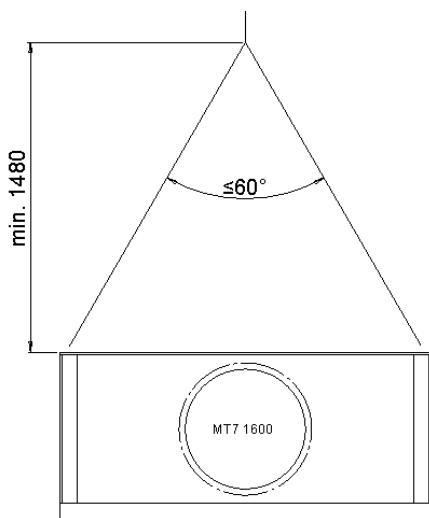
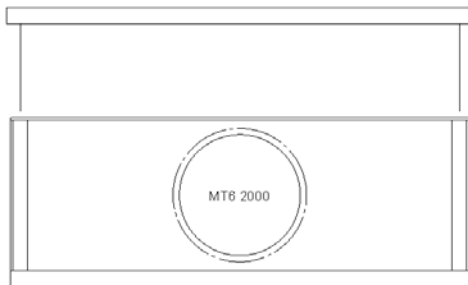
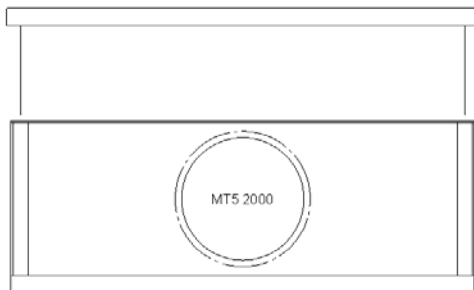
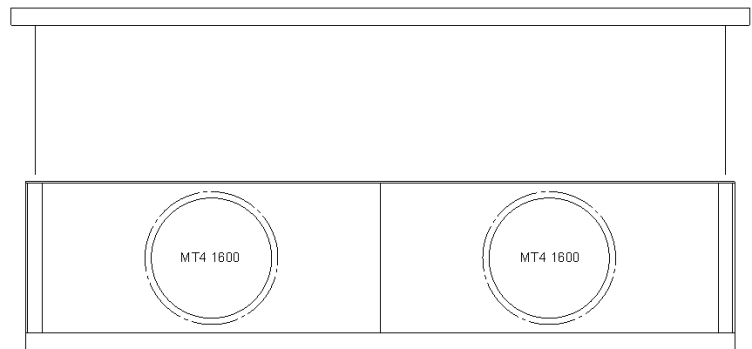
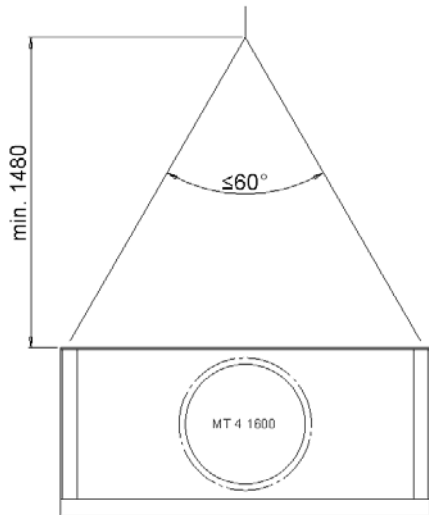
Use washer M10 DIN9021 when mounting unit on the ceiling.

## Lifting instructions



Always use all marked lifting points  
Angle between lines may not exceed 60°



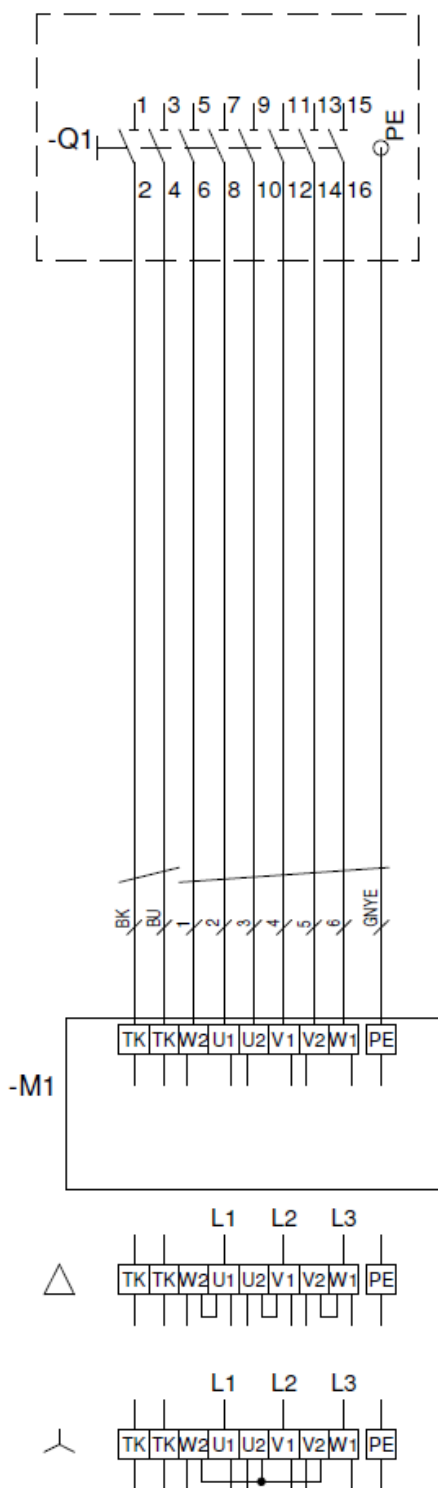
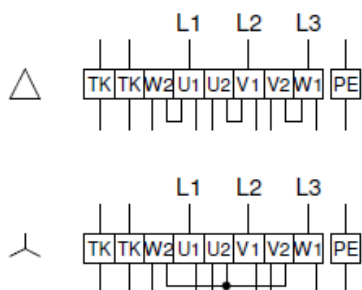


## Electrical installation

### AC MOTOR POWER SWITCH CONNECTION

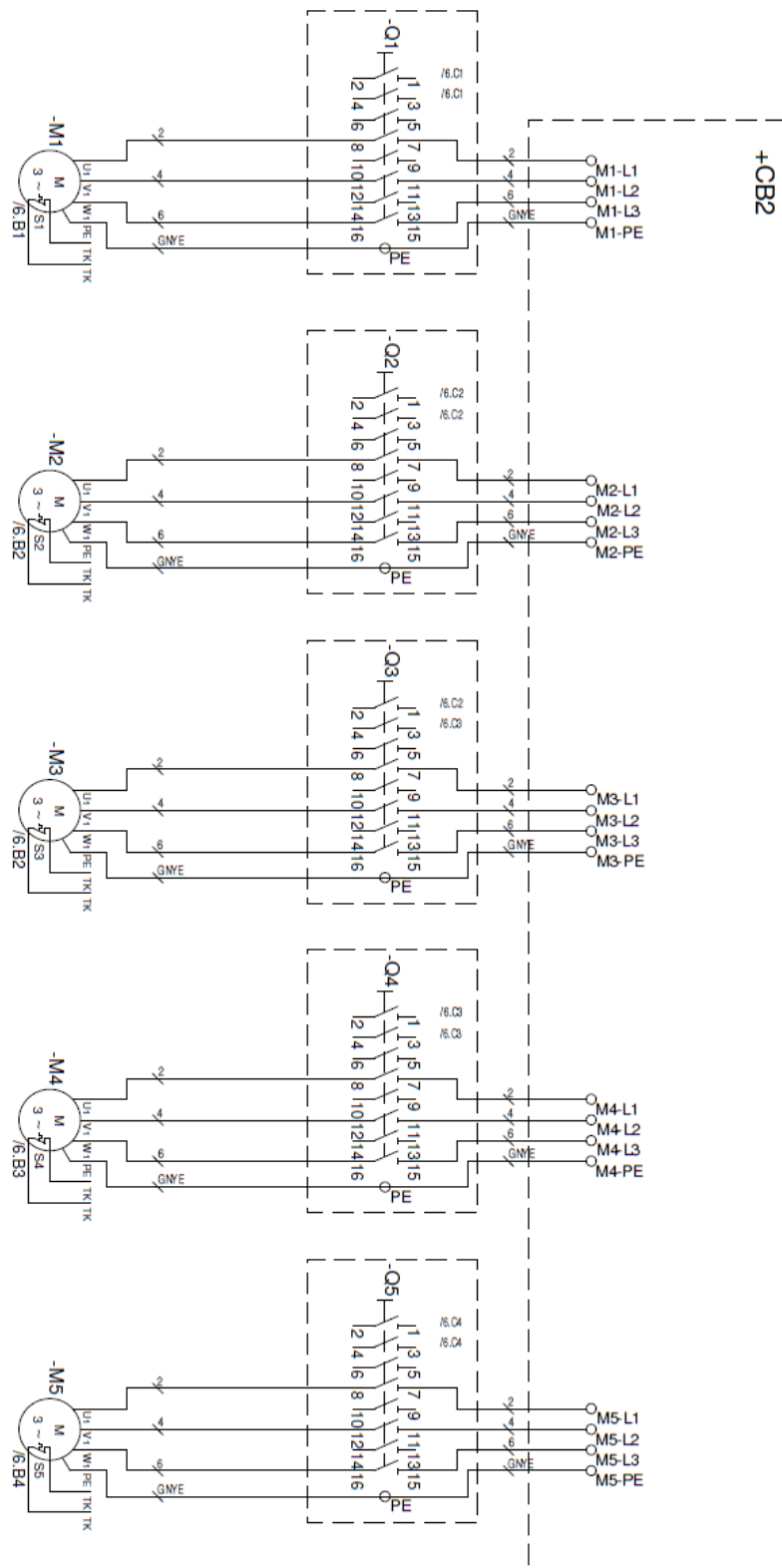
#### Basic motor connection

#### Switch Y/D



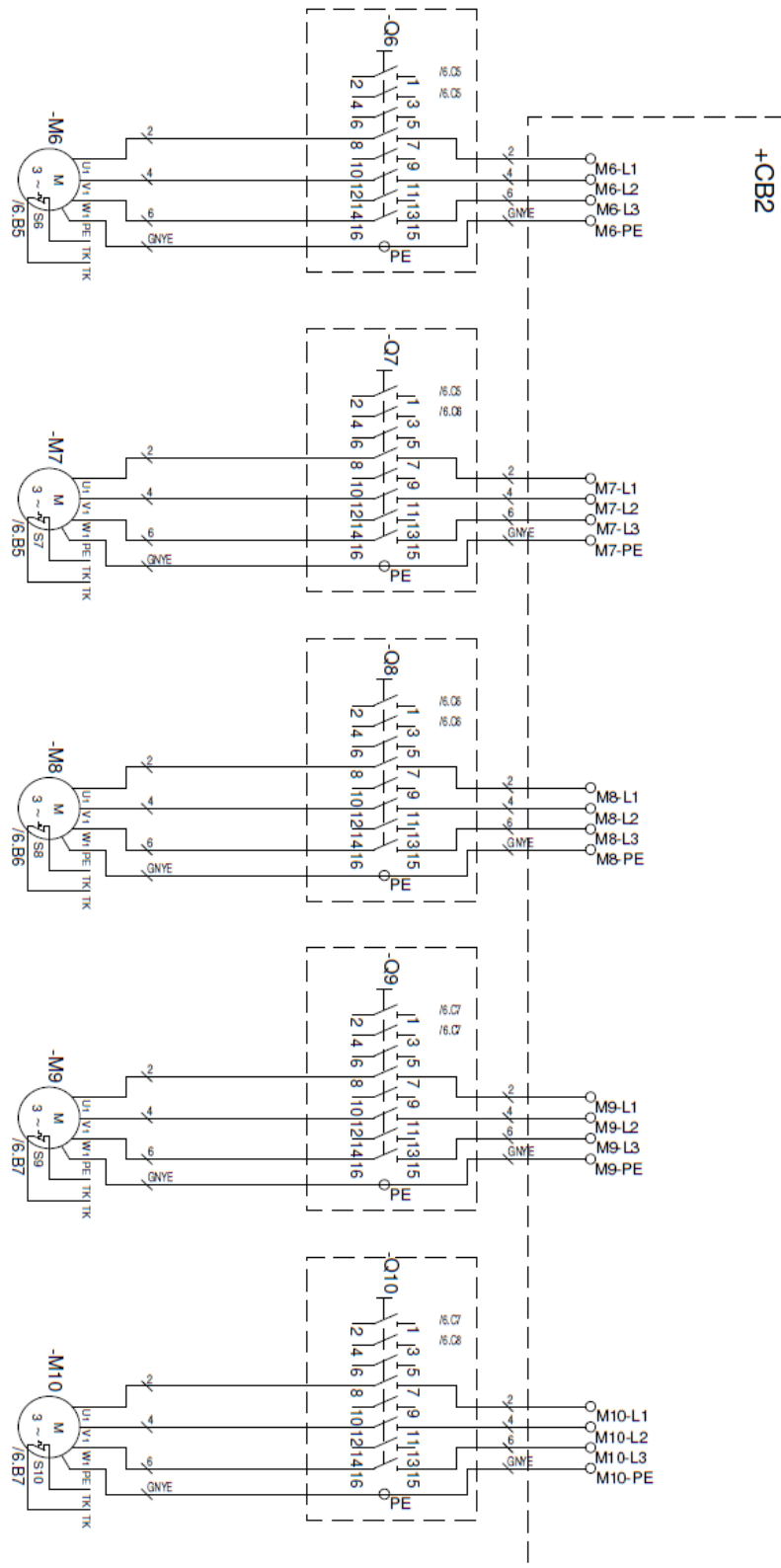
AC MOTORS POWER CONNECTION

3-phase motors – Switch Y and D



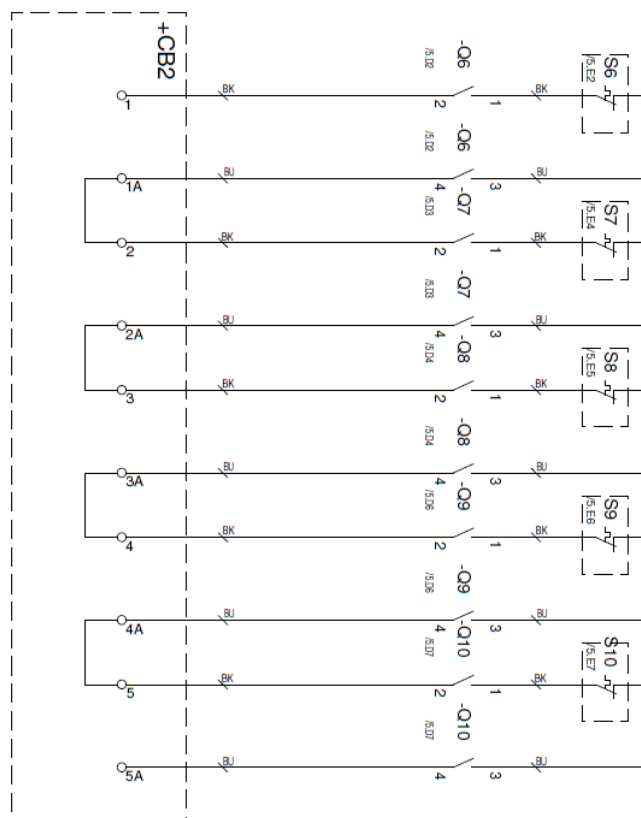
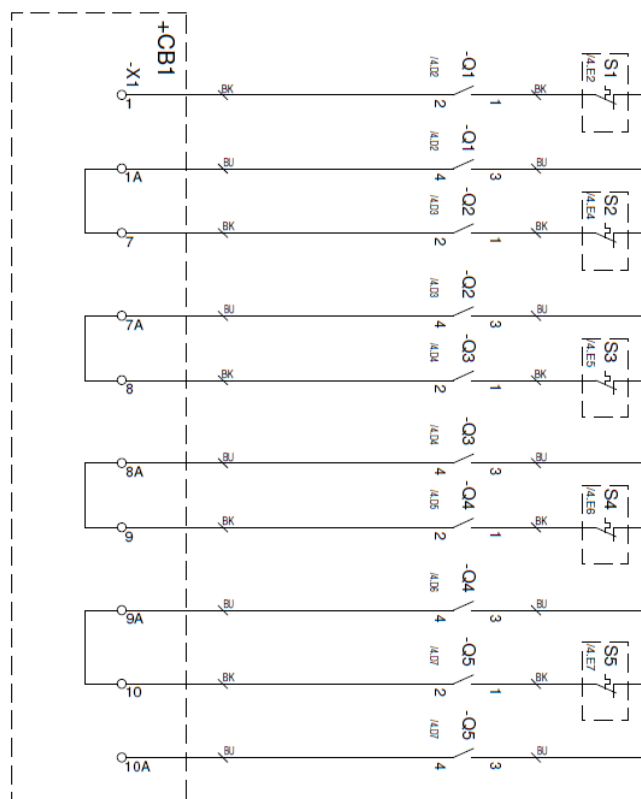
AC MOTORS POWER CONNECTION

3-phase motors – Continued



AC MOTORS POWER CONNECTION

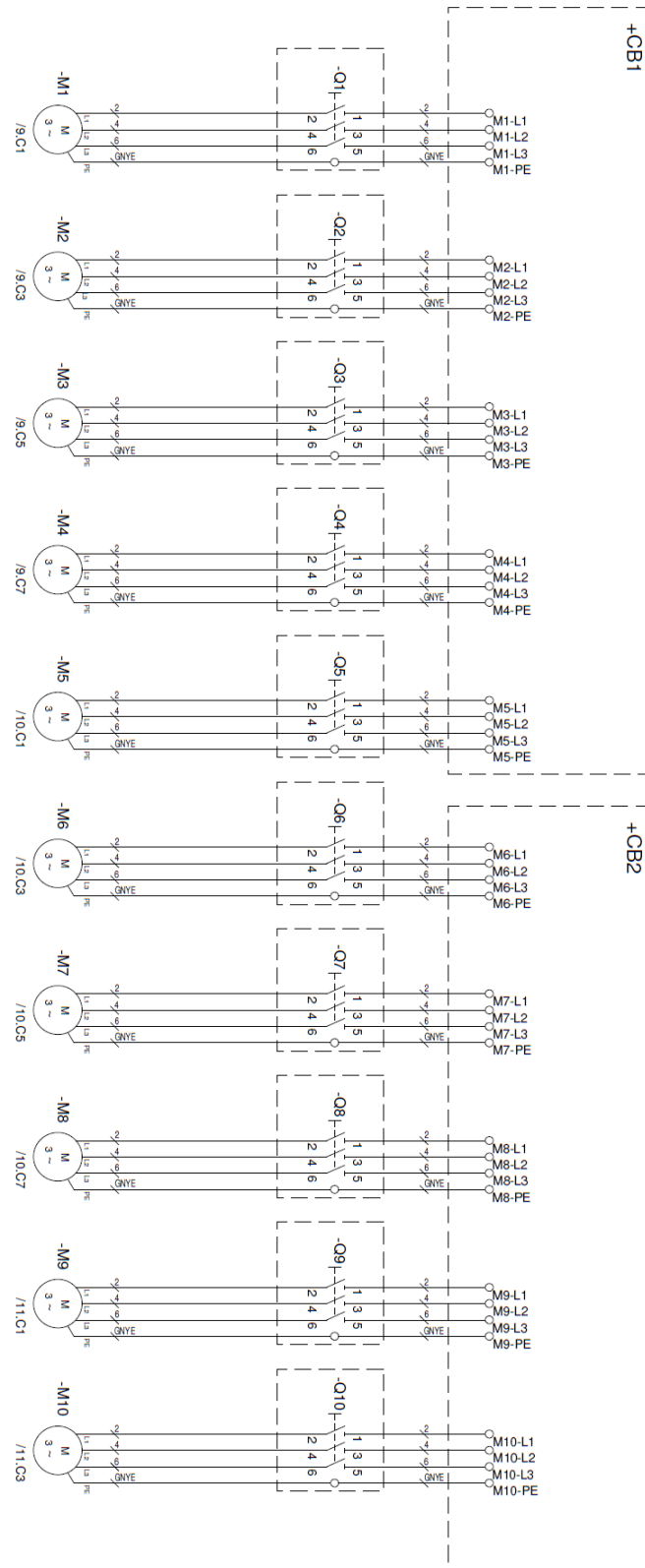
3-phase motors – Continued



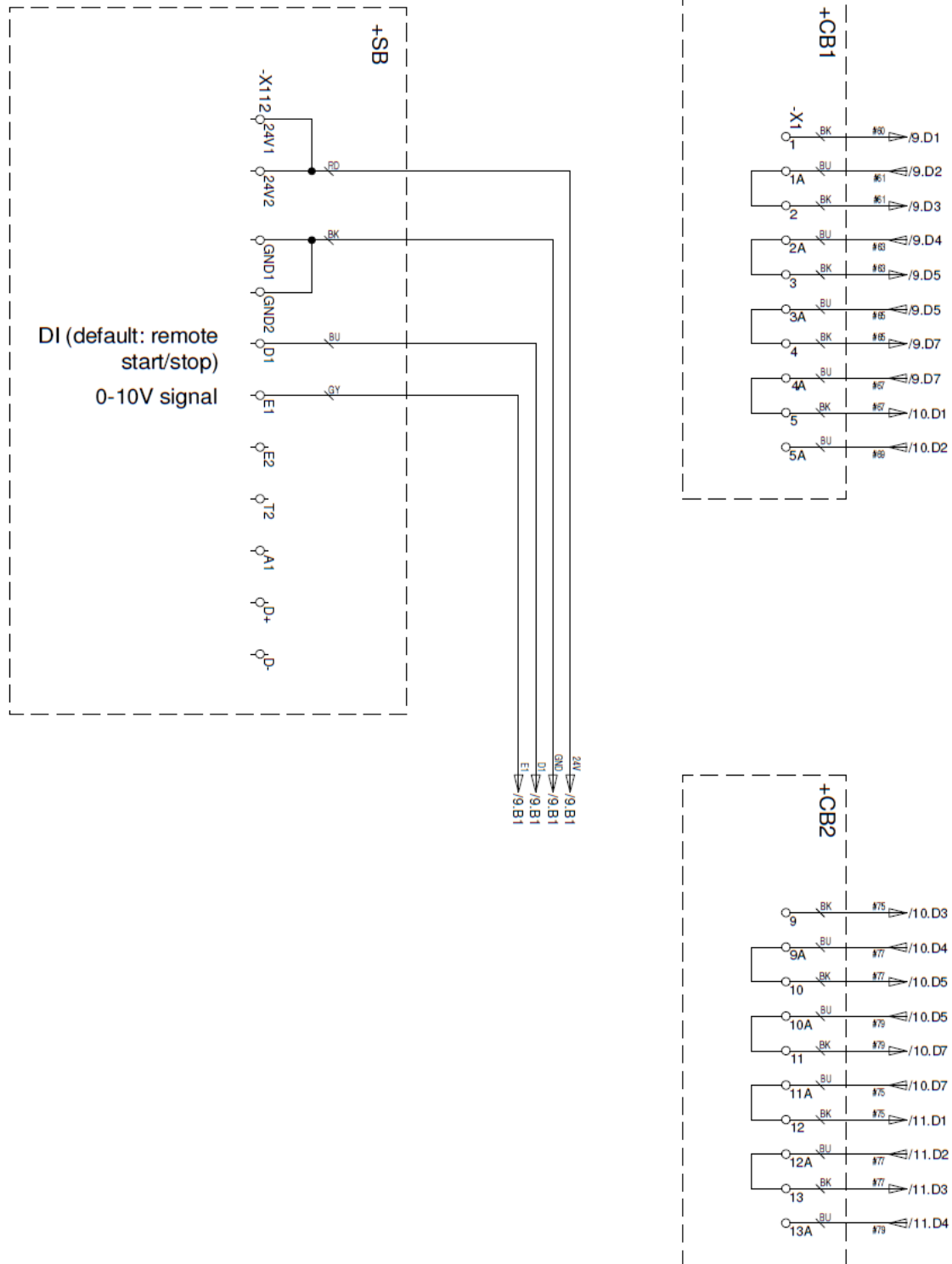


EC MOTORS POWER CONNECTION

3-phase motors

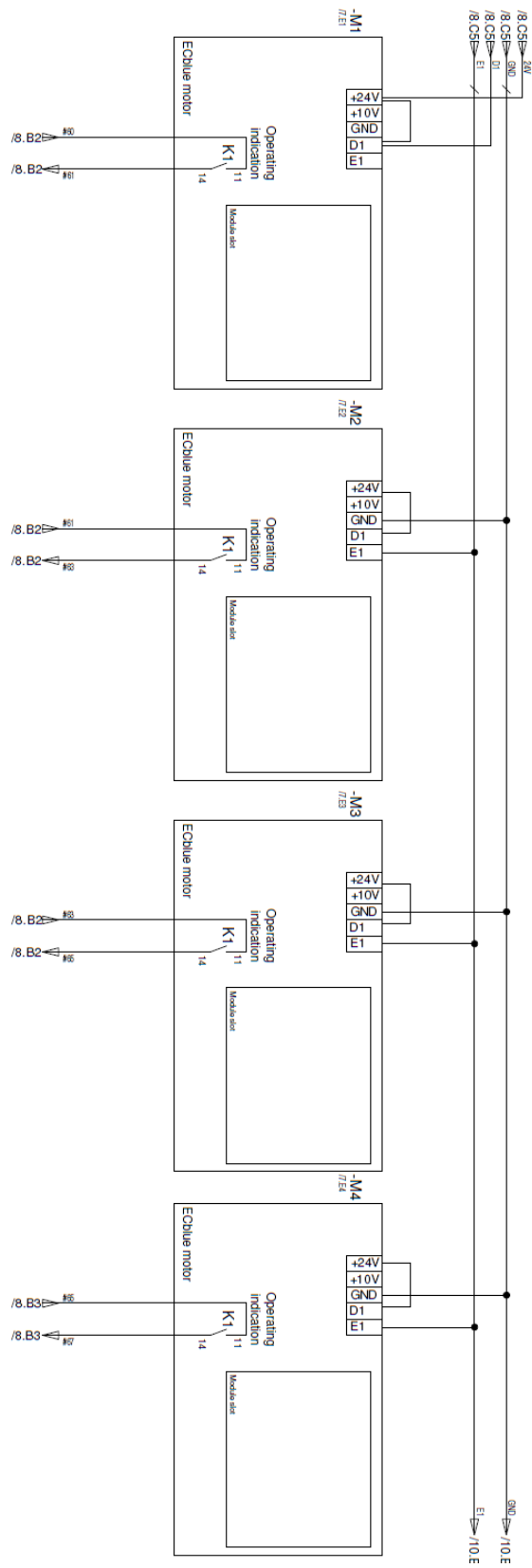


ECMOTORS SIGNAL CONNECTION



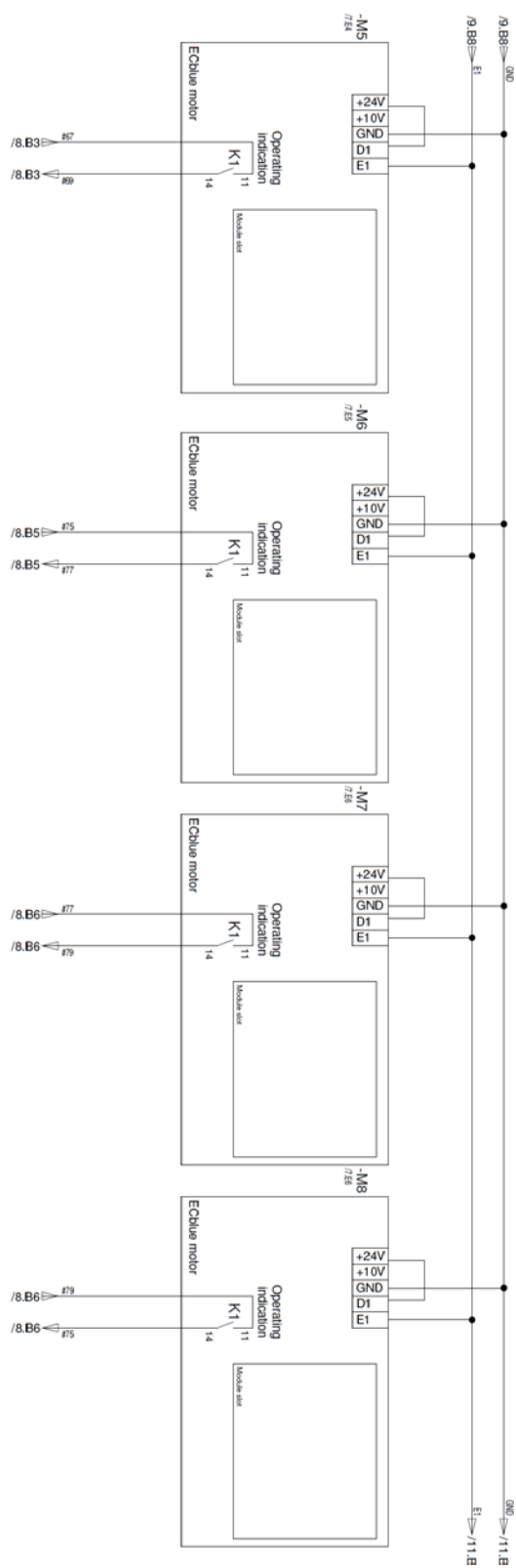
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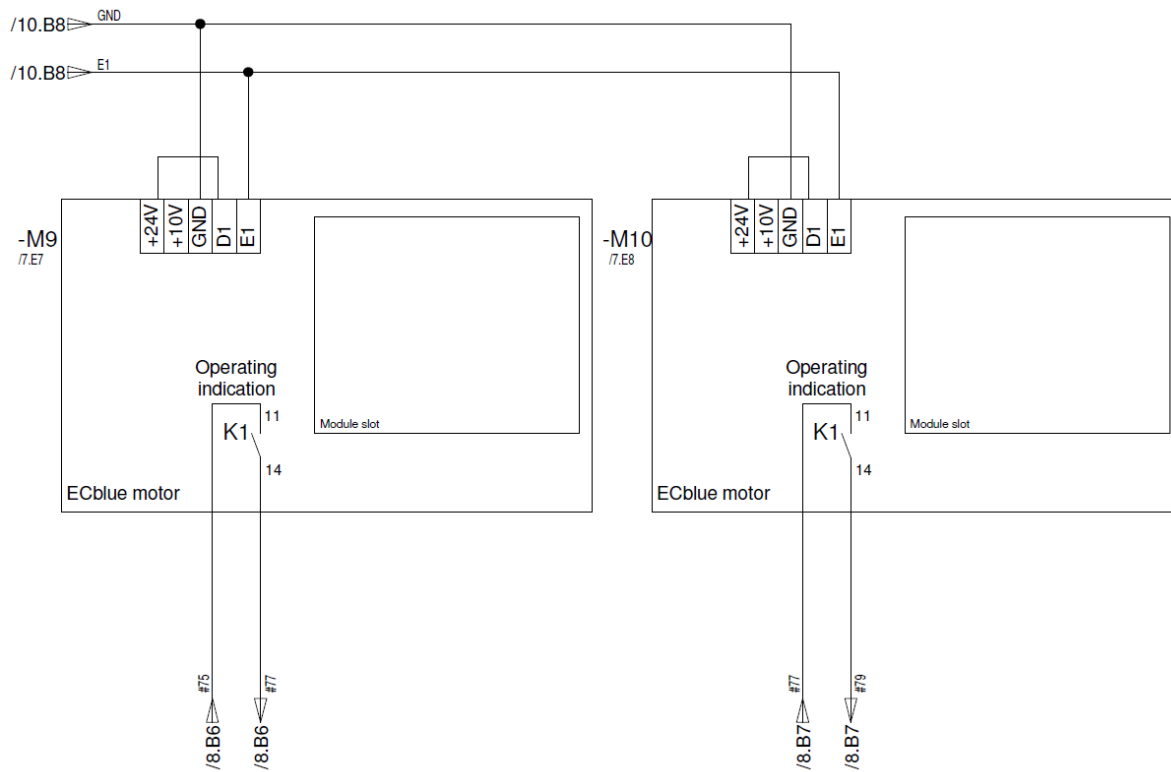
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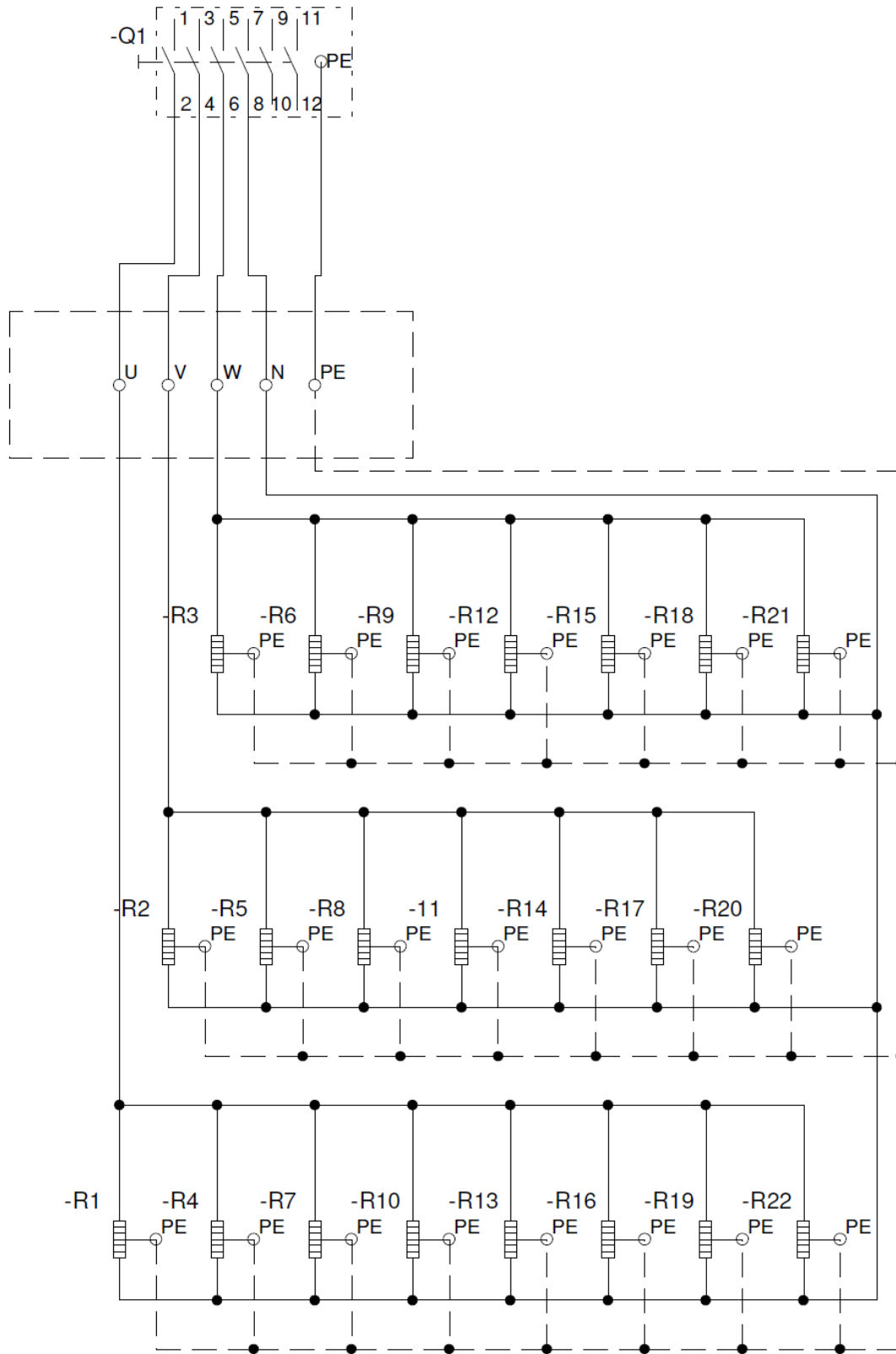


ECMOTORS SIGNAL CONNECTION

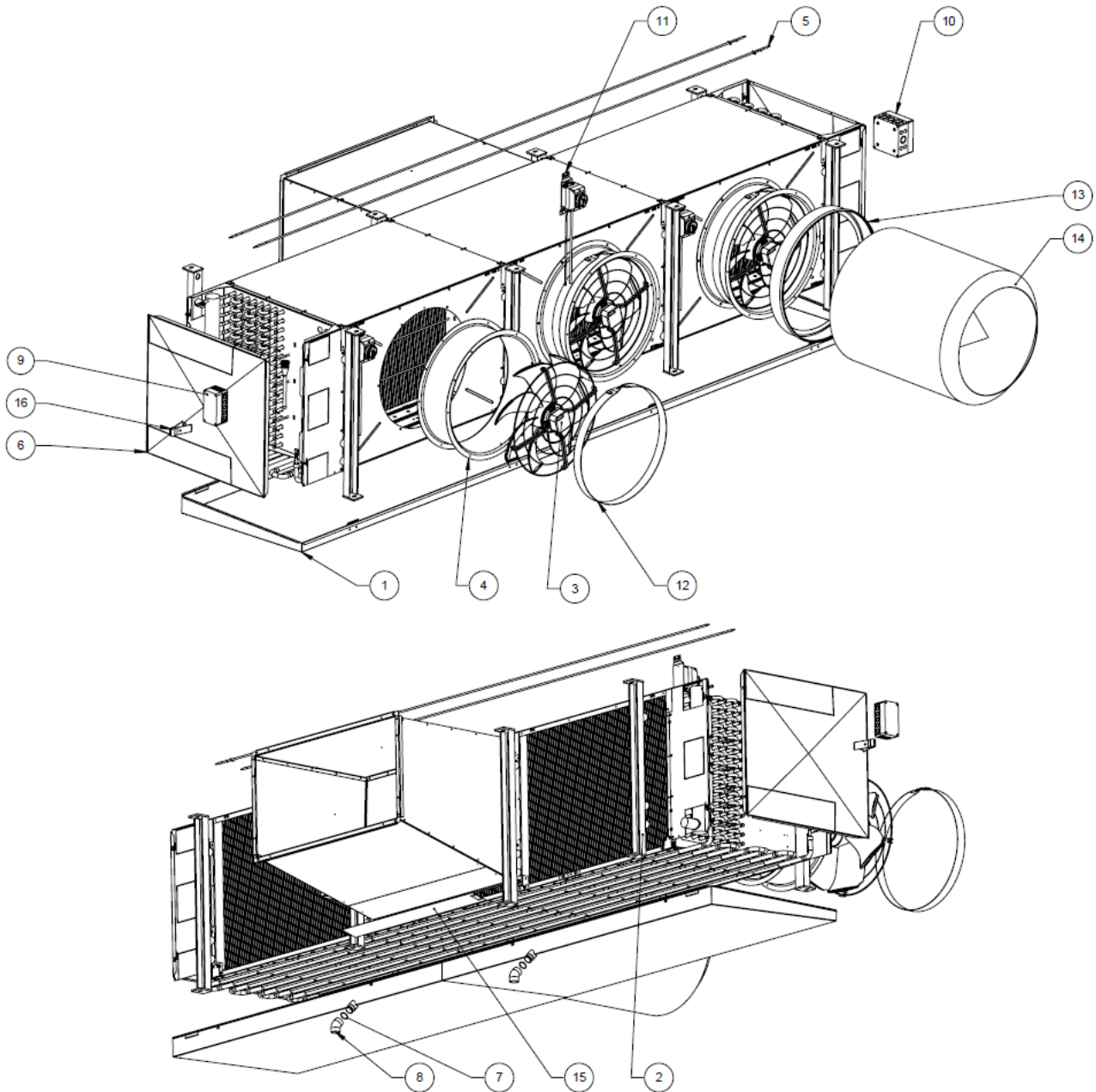
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CONNECTION BOX FOR ELECTRIC DEFROST



## Spare Parts



No	Description	No	Description
1	Driptray	9	Terminal Box 1809
2	Mounting Feet	10	Terminal Box 1818
3	Fan	11	Isolation Switch
4	Fanring	12	Heating Mat Fanring
5	Heating Element	13	Airsockring
6	Bendcover Door	14	Shutupsock
7	O-Ring	15	Heating Foil E5
8	Knee-PVC	16	Distributor Mounting Bracket



[www.alfalaval.com](http://www.alfalaval.com)