



**One**  
**Hardware**  
for over 300 tray  
variants

## Reduced complexity with new Integrated Controller Tray

### Reduced complexity

- \* Fewer variants
- \* Lower risk of wiring mistakes
- \* Quick configuration

### Improved service features

- \* Easy check of I/O's
- \* Easy food type setup

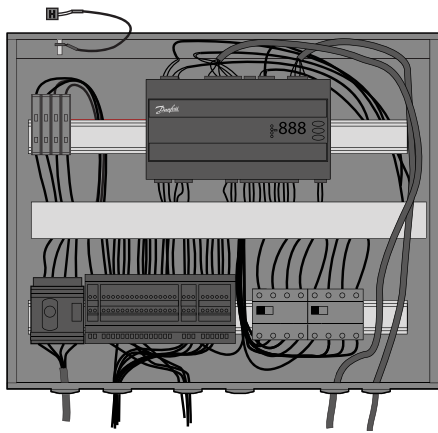
### Improved monitoring

- \* Easier remote analysis
- \* Extended information for data analysis
- \* Fast reaction time from alarm to service  
First time fix

# Fully Integrated gear tray and case controller

## Today's gear tray solution

- Standard electromechanical components and electrical wiring

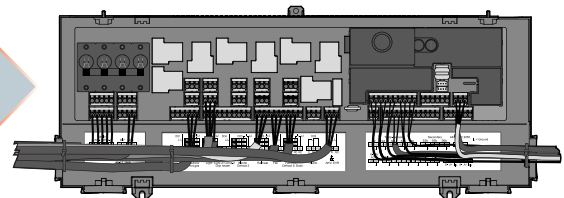


## Create variants by different selection of electrical components and wiring:

- Large number of customized trays
- Different electromechanical fuse sizes
- Many different blueprints
- Different gear trays for 1 and 3 phase

## New ADAP-KOOL® AK-CT 200

- Integrated power components
- Current measurements
- Zero-crossing technology
- Pluggable spring loaded wire connectors



## Create variants by software configuration:

- 1 version with software configuration of relays and application *"soft wiring"*
- Configurable fuse size (4->16 Amp)
- One common label for all display cases
- Power management from 10 Watt to 10 KW

# AK-CT 200 providing benefits throughout the value chain



## OEM production

- More than 300 variants with one hardware
- Simplified handling of gear trays
- Less wiring mistakes

## In store commissioning

- Easy I/O check
- Time saving with *"Quick Configuration"*
- Communication status for fast fault finding

## Onsite service

- Easy change of food type
- Easy I/O check
- Reduced time for trouble shooting

## Remote monitoring

- Remote current monitoring
- Remote fuse information and reset
- Door openings
- Root cause alarms
- First time fix

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