

Welcome to the 21st century

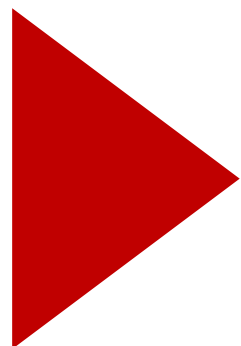


# ONE Fire damper actuator

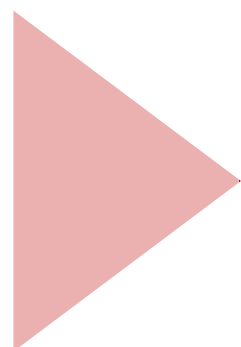




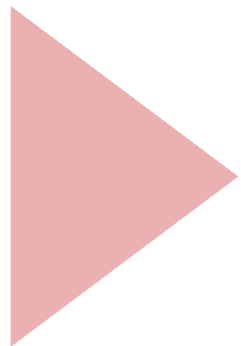
**ONE choice**



simply ONE

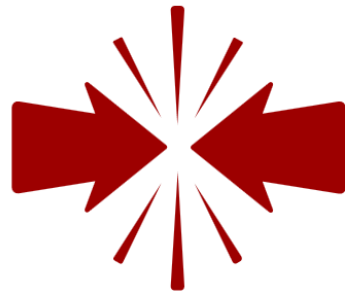
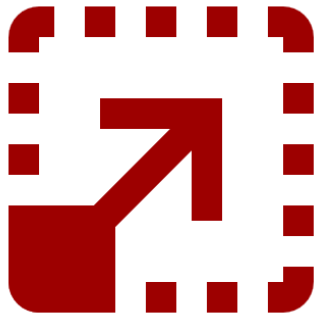


meet ONE

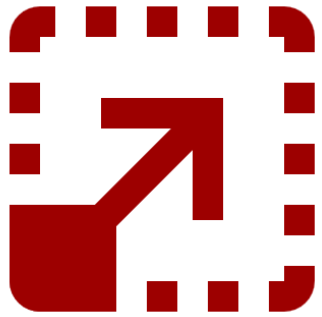


# ONE: the obvious choice

- One size fits all
- Sturdy and reliable
- Cost benefit both in purchase and operation
- Certified



# One size fits all



**CR60**  
100-315mm

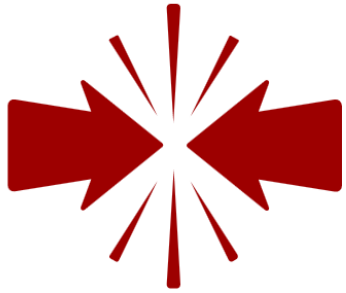


**CU2**  
200\*200 mm  
1500\*1000 mm

ONE choice

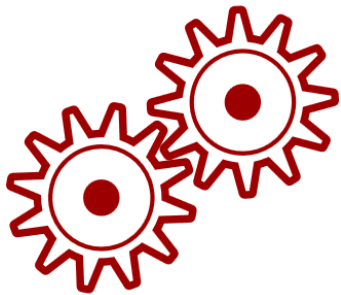
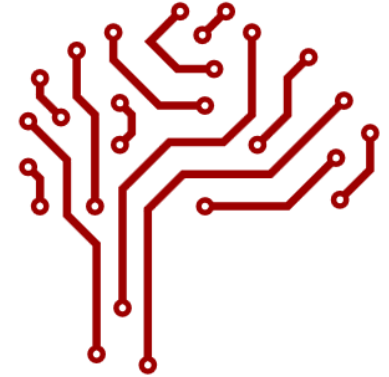


# Sturdy and reliable



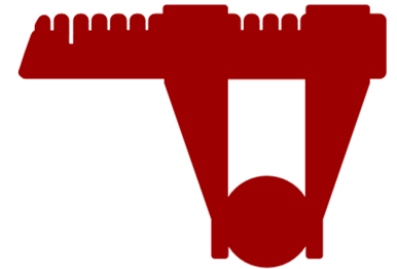
Impact-resistant engineering grade polymer  
(dust and splash-proof)

Micro-processor controlled  
for a longer product life



High-efficiency gearing

Components supplied by  
leading suppliers



Rf-t has a long expertise in development  
and production of actuators

ONE choice

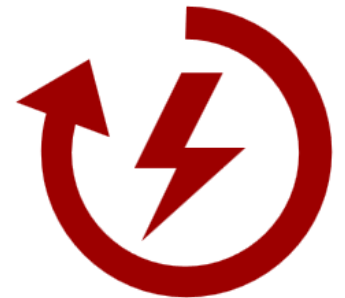


# Cost benefits



At purchase: attractive price point for both large and small fire dampers

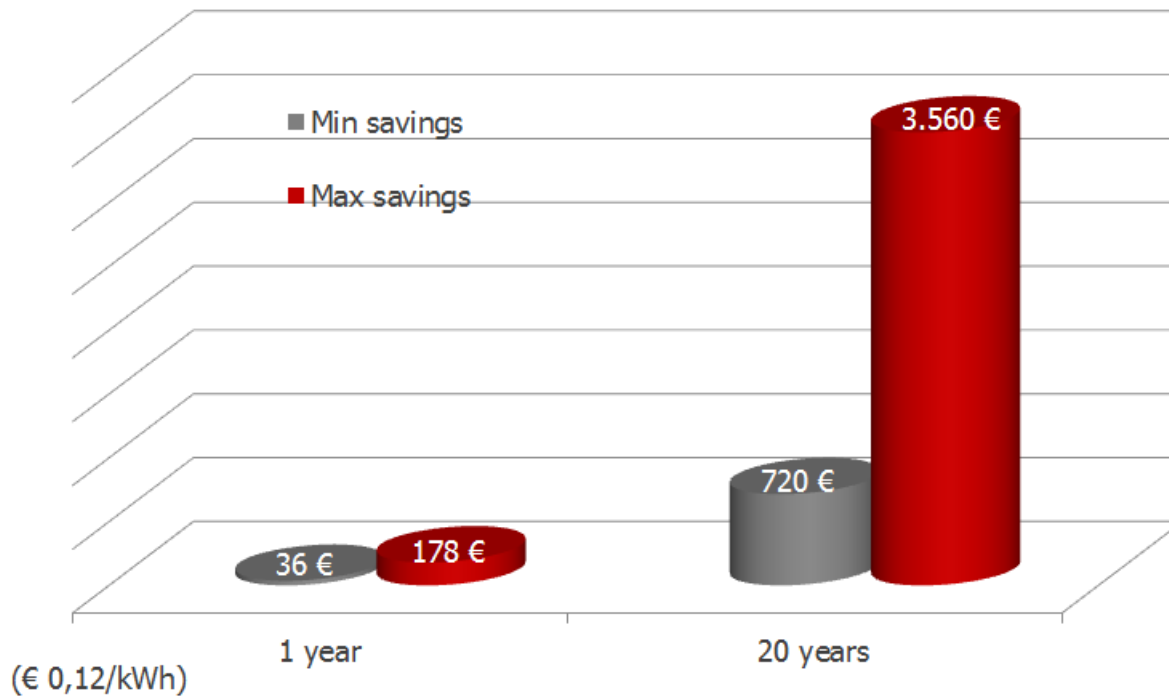
During life-cycle: high energy efficiency  
extremely low power consumption in stand-by



# Savings during lifecycle: site with 50 fire dampers

Time	Min savings	Max savings
1 year	36€	178€
20 years	720€	3.560€

€ 0,12/kWh



ONE choice

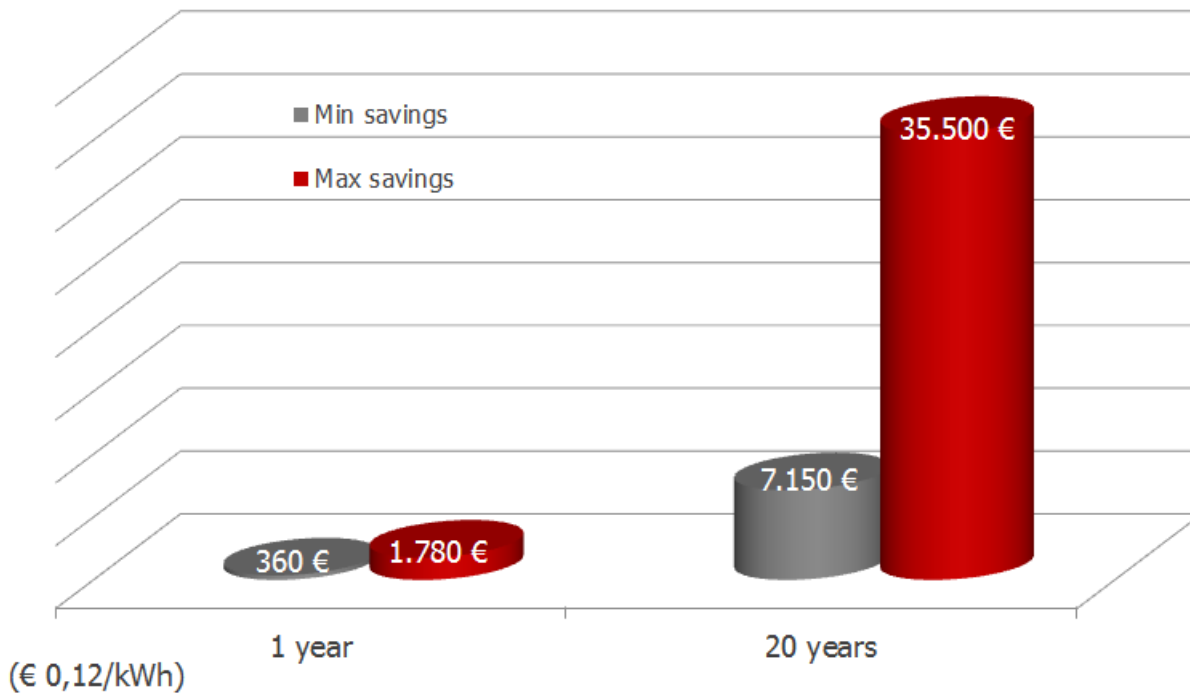




# Savings during lifecycle: site with 500 fire dampers

Time	Min savings	Max savings
1 year	360€	1.780€
20 years	7.150€	35.500€

€ 0,12/kWh



ONE choice



# Certified solution

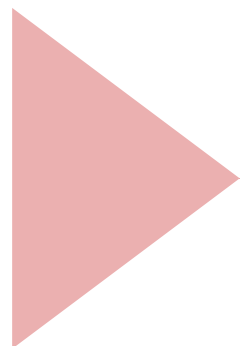


Standards	Application
EN 1366-2	Fire damper test standard
EN15650:2011	Fire damper product standard
ISO 10294-4	Thermal tripping device
EN 61000-6-2 (2005)*	Electro Magnetic Compatibility
EN 61000-6-3 (2007)*	Directive (EMC) 2004/108/EC
2006/42/EC	Machinery Directive

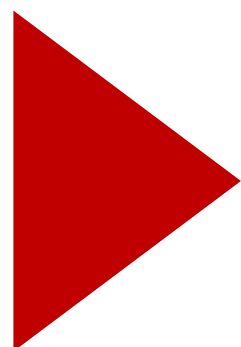
*\*: designed and tested in compliance with these standards but not certified as such*



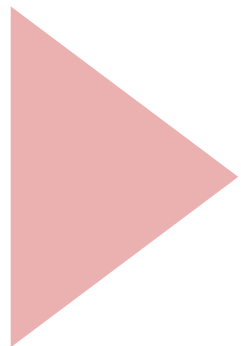
ONE choice



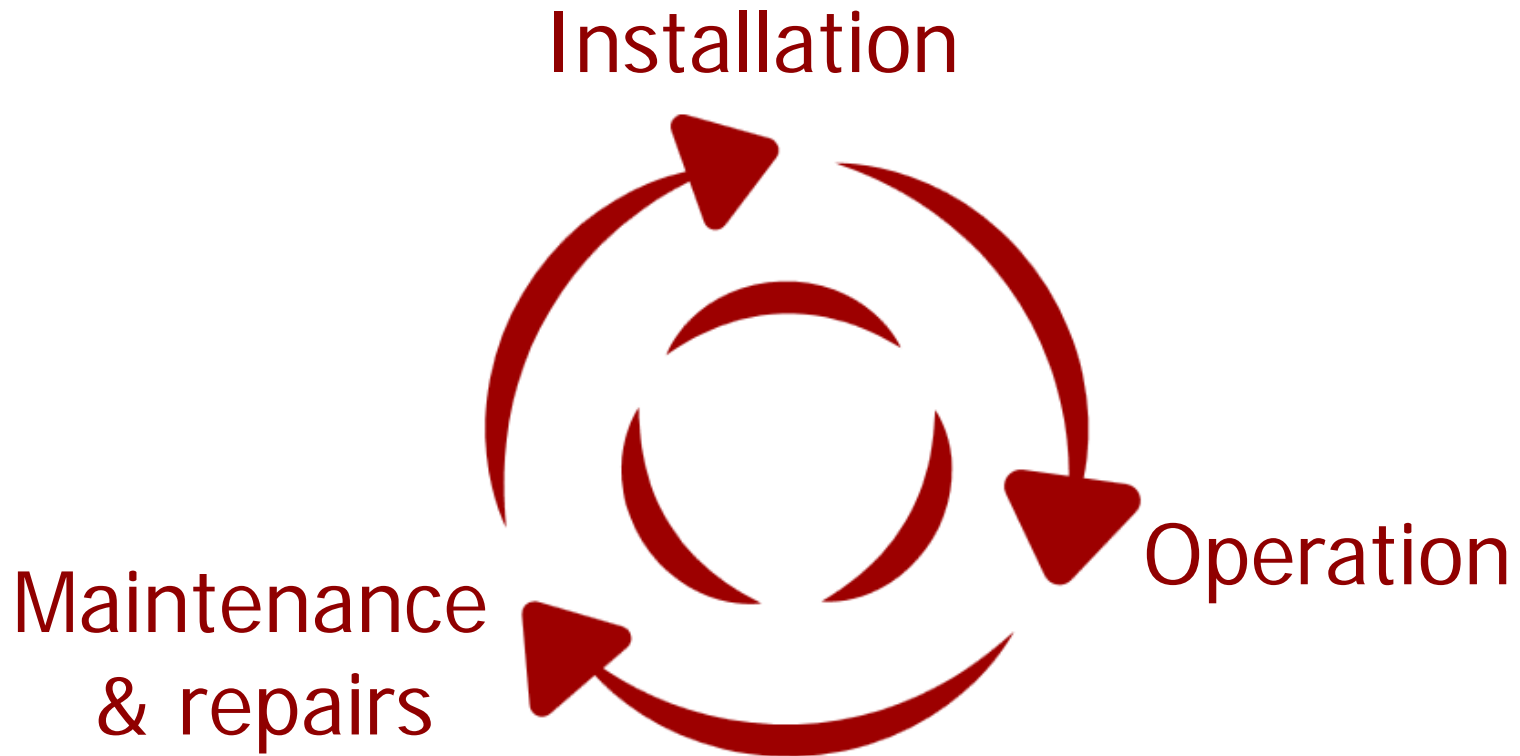
**simply ONE**



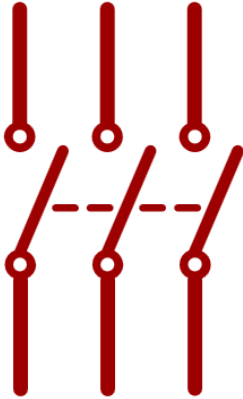
meet ONE



# Simplicity and convenience



# Installation



Standard electrical connection diagram

Number and color-coded wires



Easy access and small footprint  
Integrated triggering device

# Operation

Visible status:

Damper blade position indicator

Integrated LED

Battery-powered manual resetting

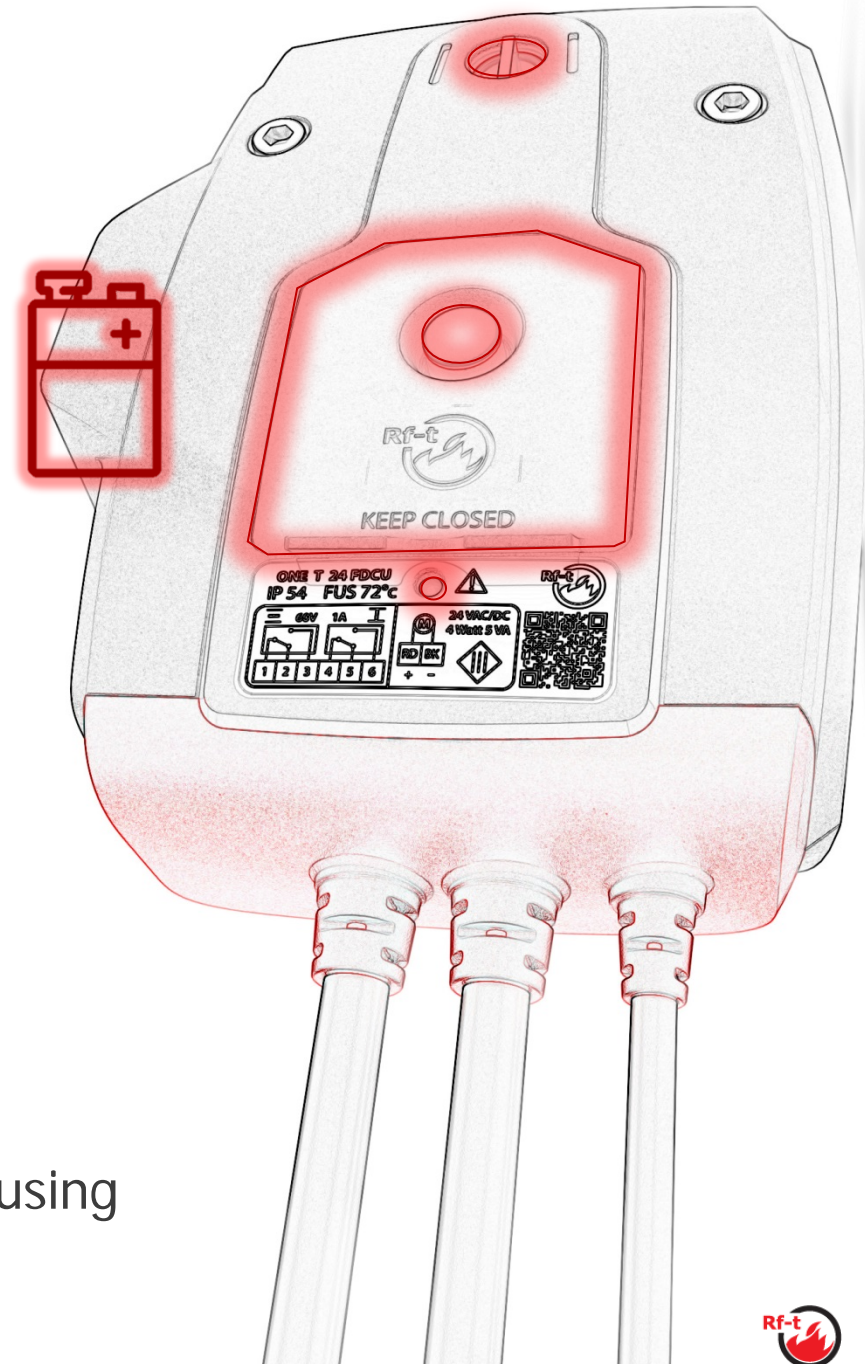
Smart thermal triggering device

No power needed for testing

No vulnerable connection to the actuator

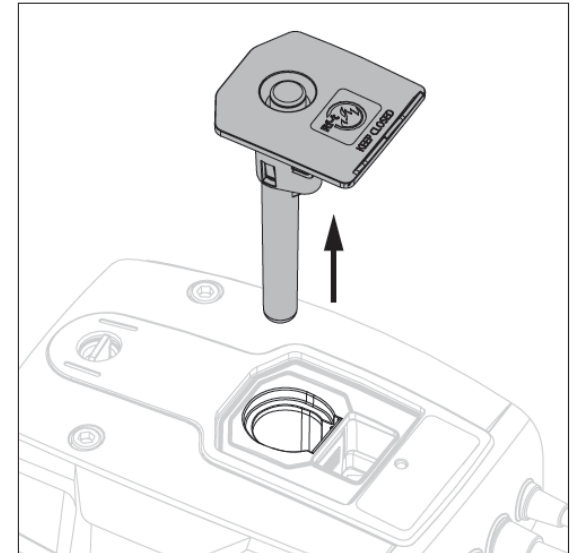
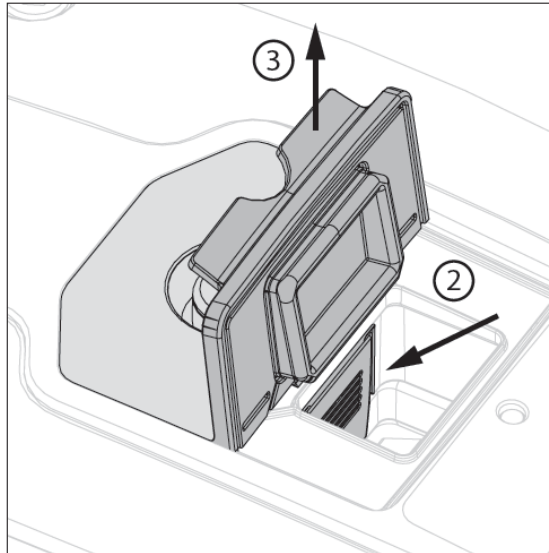
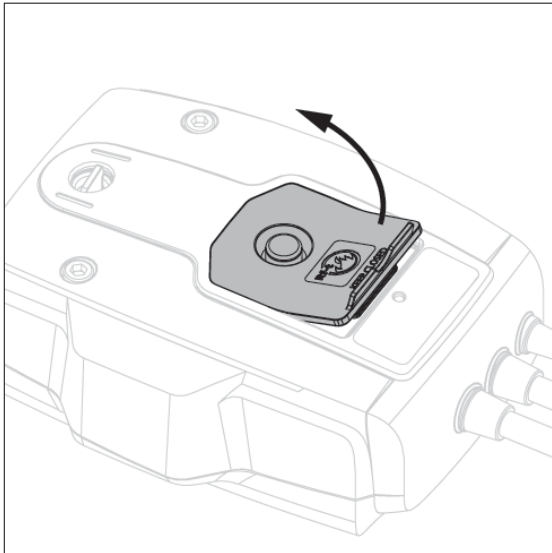
Second thermal trigger in the actuator housing  
(out-of-duct fire)

simply ONE



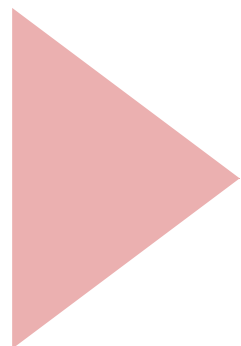
# Maintenance

- Kit for actuator unit replacement
- Standard hex screws for angled Allen wrench
- Easy to replace triggering device
- Inspection opening (with endoscope)

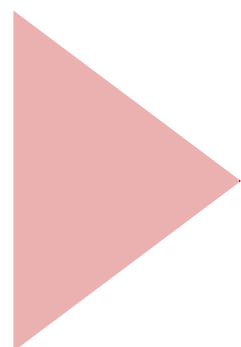




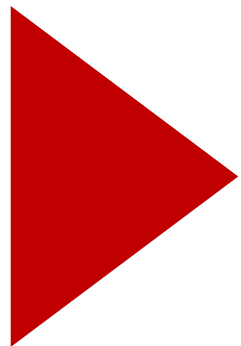
ONE choice



simply ONE

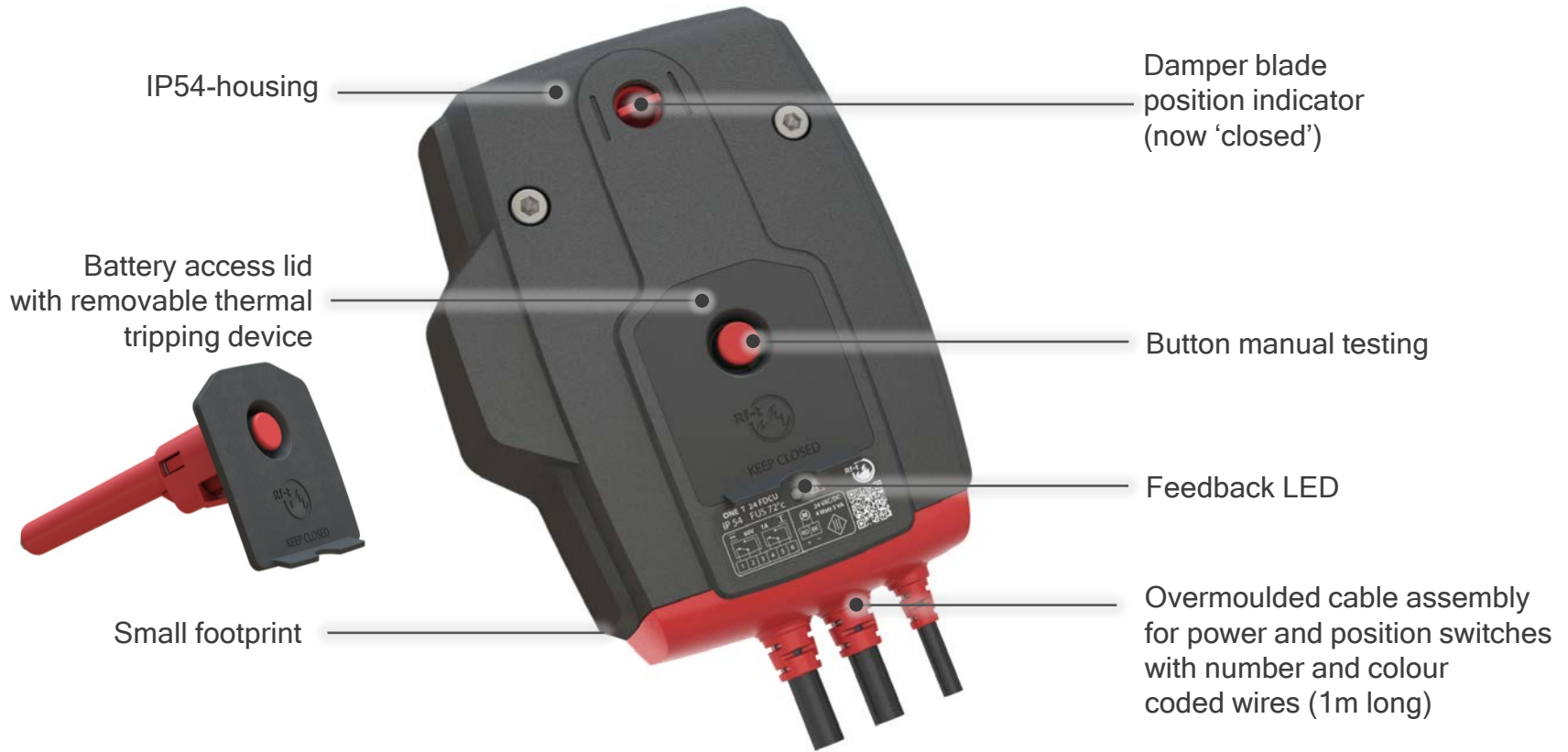


meet ONE





# Meet ONE



# ONE variants

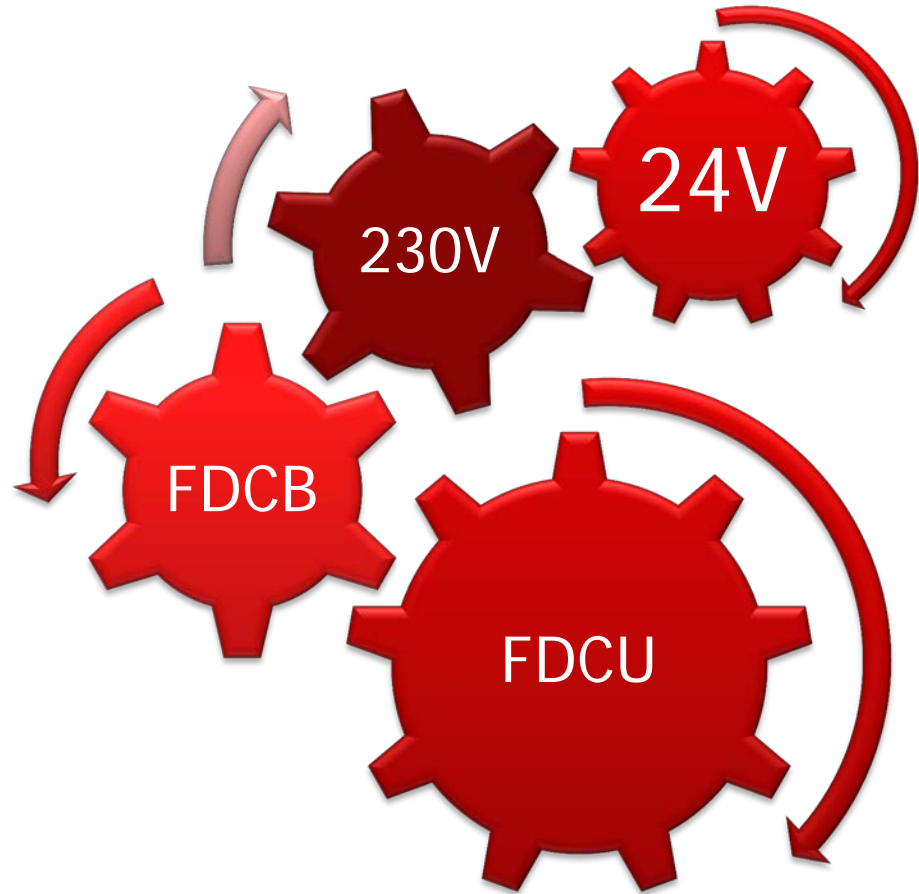


ONE 24V FDCU

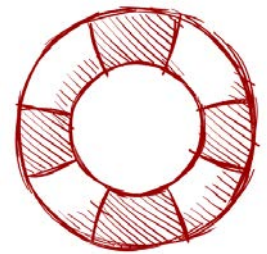
ONE 24V FDCB

ONE 230V FDCU

ONE 230V FDCB



# ONE Kits



fire damper:	Kit mechanism				Kit fusible link
	CR60(1s) CR120	CU-LT CU-LT-1s	CR2 CU2, CU2/B	CA2, CU4, CU2-15	ONE
Kit ONE 24V FDCU	■	■	●	●	●
Kit ONE 24V FDCB	■	■	●	●	●
Kit ONE 230V FDCU	■	■	●	●	●
Kit ONE 230V FDCB	■	■	●	●	●

meet ONE



# Product documentation

- CE declarations: [www.rft.be/dop](http://www.rft.be/dop)
- Classification documents (gradually)
- Installation guidelines (temporary) added to all fire dampers equipped with a 'ONE' spring return motor



# How to order?



*CU-LT 200 200* ONE T 24 FDCU *UL IFW*

1 2 3 4 5 6 7

*CR60 250* ONE T 230 FDCB

1 2 3 4 5 6

- 1 Product
- 2 Dimensions (W H)
- 3 Mechanism ONE
- 4 Thermal trigger (standard)
- 5 Nominal voltage
- 6 Begin and end of position switches
- 7 Options