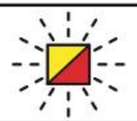
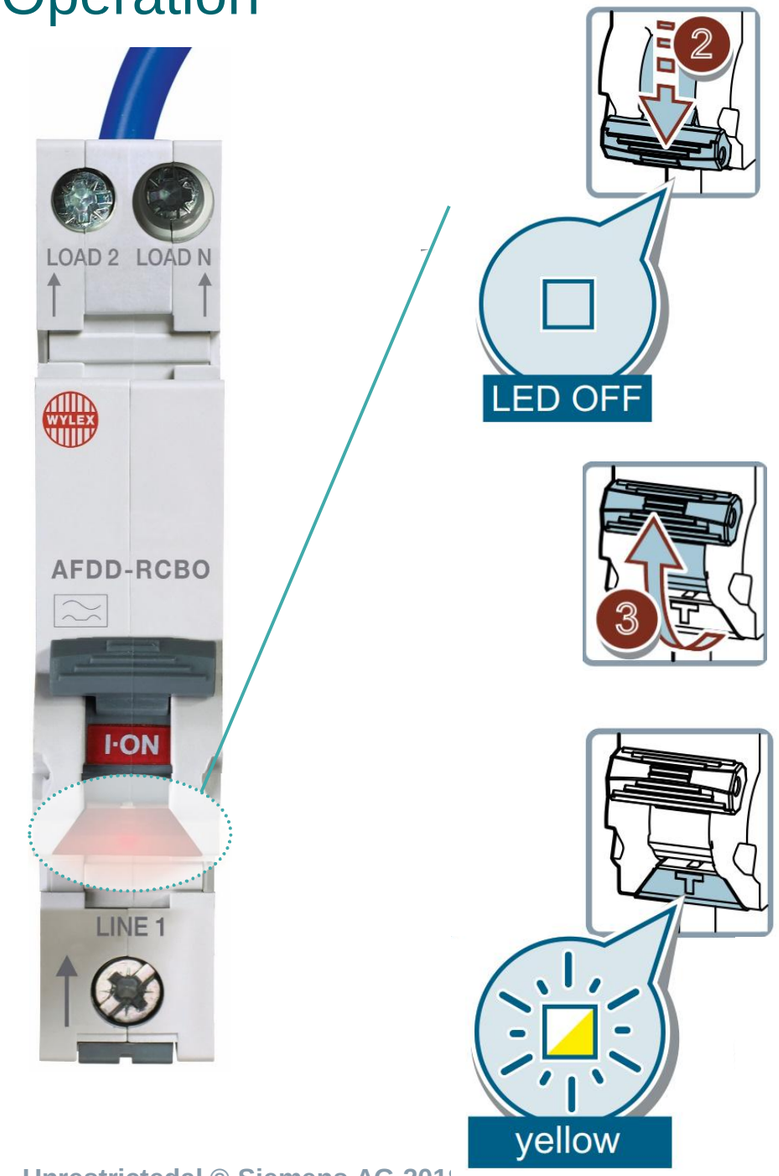
Electrium AFDDs
Operation

- On the new AFDD, tripping is indicated by means of 2 flashing LEDs (Red & Yellow) behind the transparent RCBO Test button.
- During normal operation, the LED is illuminated in **red** and also serves as a test button T for RCBO.
- Once the AFDD / RCBO has tripped, it can be reset using the T test button, the **yellow** illumination indicates reason for trip

	Device operable
1x 	Serial or parallel arc detected
2x 	Overvoltage (>285 V)
3x 	Residual current detected
	Self test failed
	No supply voltage

Electrium AFDDs
Operation



- If the AFDD / RCBO has tripped then the T test push button / light is clear (no supply voltage)

- Turn the AFDD / RCBO on - Resetting the toggle allows the indication lamps to be lit

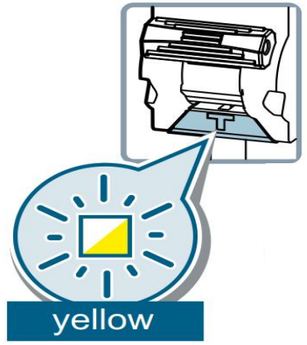
1x	Serial or parallel arc detected
2x	Overvoltage (>285 V)
3x	Residual current detected

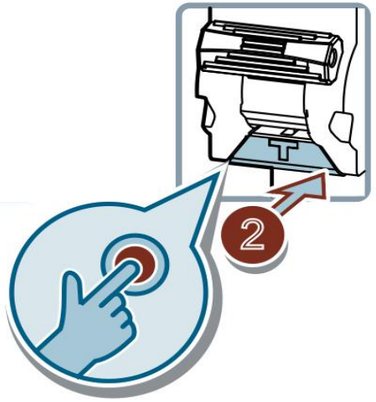
- Single pulsating flash

- Double pulsating flash

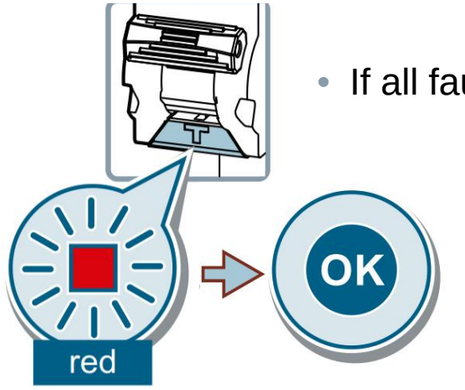
- Triple pulsating flash

Electrium AFDDs
Operation -



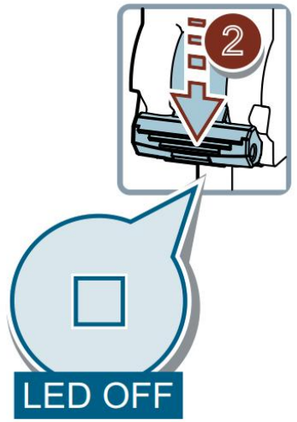


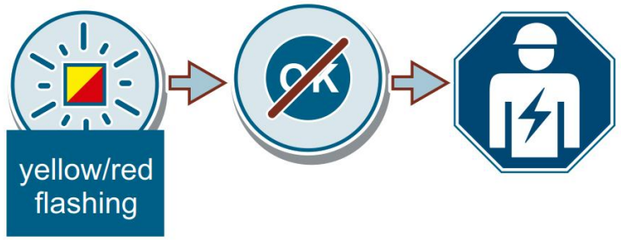
- **Reset** the light indication by pressing the T test button



- If all faults are cleared, then the AFDD / RCBO back to normal operation

Electrium AFDDs
Operation





- If the AFDD / RCBO has tripped, then the T test push button / light is clear (no supply voltage)
- Turn the AFDD / RCBO on - Resetting the toggle allows the indication lamps to be lit
- As part of the AFDD product standard, the device must carry out a self test every 24 hours (Wylex 15hrs).
- If the AFDD / RCBO fails this test then it trips. When the AFDD / RCBO is turned back on both LED flash RED and YELLOW - the AFDD electronics has stopped working and needs replacing.

The RCBO component still offers Circuit protection to this circuit.