

# The all in one system for effective protection and load control

## > Acti 9 Reflex iC60

Integrated control circuit breaker for complete control and safety



Acti 9: The efficiency you deserve

**Schneider**  
Electric™

# Reflex iC60

The all-in-one integrated control circuit breaker

A complement to the Acti 9™ system and exclusive to Schneider Electric, the Reflex iC60 combines an MCB (miniature circuit breaker) with an internal actuator. Designed to evolve and adapt with the dynamic requirements of tertiary and industrial lighting control applications, it easily communicates with PLCs without the need for add-ons, retrofits, or extras. It is especially dedicated to the load remote management of tertiary buildings & industrial plants which combine local control and centralized control with a number of switching operations.



'With the Reflex iC60 we saved 15 percent on our energy use, thanks to its simplified control of lighting circuits. Normal lighting is controlled remotely by the controller (PLC) based on periods of activity and selected lighting. As a result, daily control of our loads is simple. Installation was easy; the 'all in one' concept reduced power terminal wiring by 50 percent. Plus, the Reflex iC60 allows direct connection to the PLC without any low current interfaces'.

H. Rascon, building technician,  
Sevilla, Spain



**25%**

space savings thanks to all in one design

**24 V**

direct connection to PLC or BMS

**100%**

coordination between MCB and actuator

'Thanks to the Reflex iC60 we can manage control lighting of our office buildings in a totally safe installation'.

H. Richard - electrician, Lyon, France

## Complete safety

### For the installation:

- > VisiSafe inside with Uimp 6 kV, pollution degree level 3, Ui 500V
- > Compliant with IEC 609427-2 as well as major quality standards
- > Fast closing mechanism protects the load and guarantees long service life

### For the operator:

- > Class 2 front face for absolute protection
- > Integrated padlocking for complete lock down



Integrated padlocking device for complete safety and lockdown capabilities



Isolated Ti24 interface connects directly to PLC to save wiring and space

## Efficient

### Continuity of service:

- > VisiTrip front face LED
- > Bi-stable operation maintains stable status

### Simplified maintenance:

- > Front face indicator allows better readability during maintenance and fault diagnosis

## Simple and smart

### Easy to design:

- > An all-in-one solution that complies with all lighting application requirements
- > Connection to PLC via Ti24 interface
- > Flexible control orders for late differentiation

### Easy to choose:

- > Wide range up to 63 A
- > Compatible with all Acti 9 accessories and Vigi

### Easy to install:

- > Saves switchboard space by up to 25%
- > Up to 50 percent reduction of power connections and 70 percent on control wiring, with faster wiring tests



## Low-voltage distribution

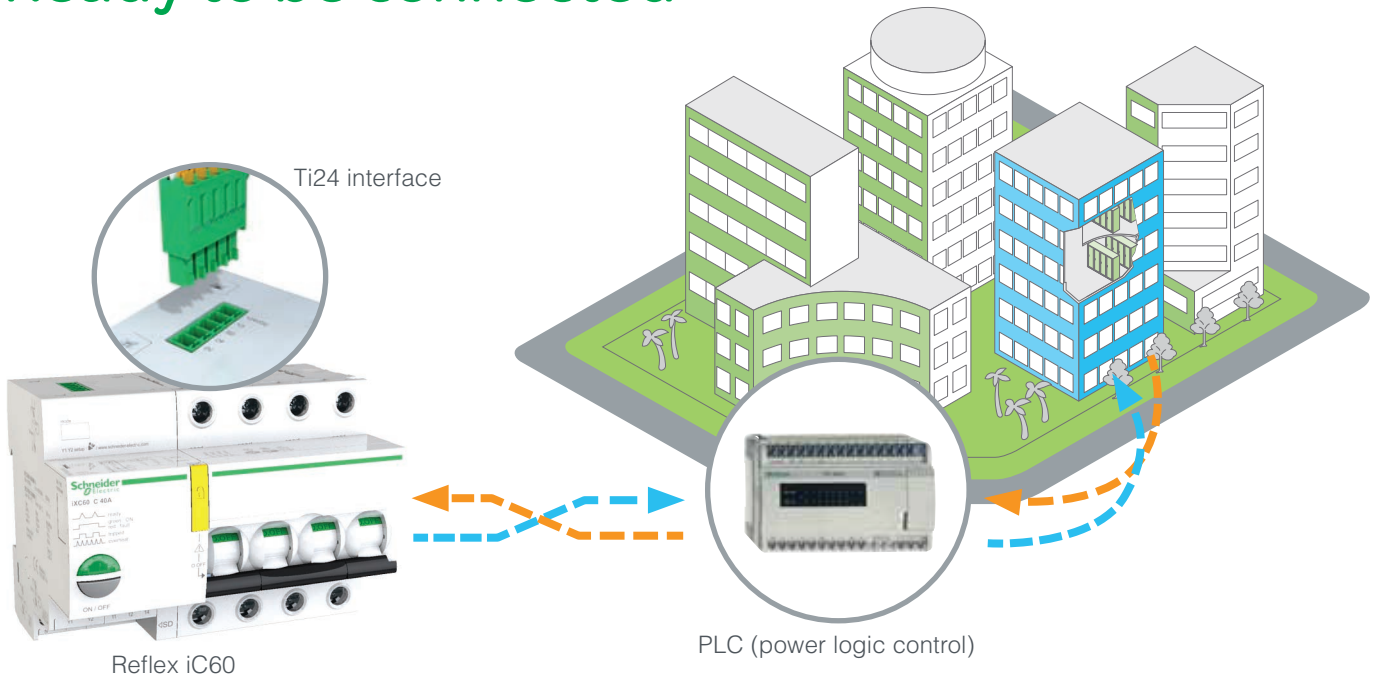
Industrial and infrastructure load shedding applications



## Lighting control

Exterior, interior, remote street lighting control and operation

# Ready to be connected



The Reflex iC60 is the perfect all-in-one solution for remote load management of tertiary buildings, industrial plants, as well as interior and exterior public infrastructure lighting applications.

## Offer overview

### Current ratings

- > 10 A, 16 A, 25 A, 40 A, 63 A

### Breaking capacity

- > Reflex iC60N: 10 kA
- > Reflex iC60H: 15 kA

### Tripping curves

- > B, C, D

### Control voltages

- > 230 V AC
- > 230 V AC + 24 V DC (Ti24 versions)
- > MDU auxiliary: control of 230V versions from 24/48 V AC/DC

### Compatibility

- > Vigi and Vigi Everplug
- > Acti 9 accessories



## Make the most of your energy<sup>SM</sup>

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