

# Smart Dimming Actuator

## CDAE-01/04, CDAE-01/05-I, CDAE-01/05-E



Powering Business Worldwide

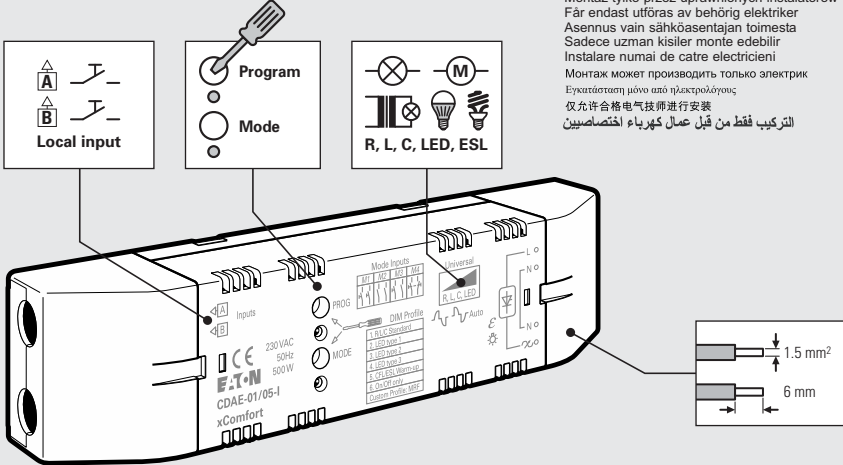


Danger  
Lebensgefahr  
Danger de mort  
Nebezpečí  
Nebezpečnostvo  
Fare  
Peligro  
Életveszély  
Pericolo di morte  
Fare  
Levensgevaar

Perigo  
Niebezpieczeństwo  
Varning  
Varo  
Hayati Tehlike  
Pericol  
Опасность  
κίνδυνος θανάτου  
危險  
خطر على الحياة



Installation by electricians only  
Montage nur durch Elektrofachkräfte  
Montage uniquement par un électricien  
Montáž pouze osobami s elektrotechnickou kvalifikací  
Montáž iba osobami s elektrotechnickou kvalifikáciou  
Má kun installeres af en aut. el-installatør  
Debe ser instalado por un profesional eléctrico  
Csak szakképzett személy szerelheti  
Montaggio esclusivamente ad opera di personale specializzato  
Mà monteres av autoriser installer Gr.L  
Montage alleen door elektromonteurs  
Deve ser instalado por um profissional  
Montaz tytko przez uprawnionych instalatorów  
Får endast utföras av behörig elektriker  
Asennus vain sähköasentajan toimesta  
Sadece uzman kisiler monte edebilir  
Instalare numai de catre electricieni  
Монтаж может производить только элекрик  
Εγκατάσταση μόνο από ηλεκτρολόγους  
仅允许合格电气技师进行安装  
التركيب فقط من قبل عمال كهرباء اخصائيين



Actuator	Type	Load
CDAE-01/04		250 W
CDAE-01/05-I	Local input	500 W
CDAE-01/05-E	EMS, kWh	500 W

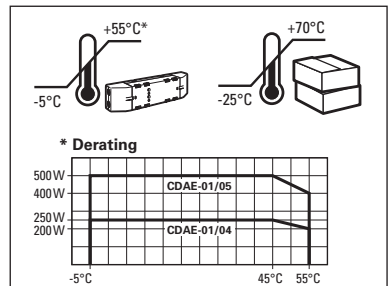
OFF

868.3 MHz

IP20

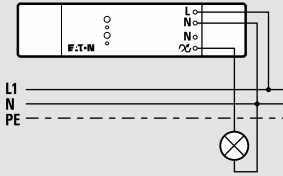
### Technical Data / Technische gegevens / Tekniske data / Technische Daten / Technická data

Power supply	230 VAC +10% -15%, 50 Hz
Load	0 - 250/500 W (0 - 250/500 VA) LED, ESL: 0 - 100/200 W* * Depending on the lamp type.
Power standby (Typical)	325 mW (EMS type: 425 mW)
EMS	0.5 W to 250/500 W, 5% ±0.5 W (>0.5 W)
Local Input	230 VAC (Max. 265 V)
Binary Input voltage	Maximum 265 V (Same phase)
Input contact resistance	< 10 kΩ reliably ON > 50 kΩ reliably OFF
Voltage difference	< 1 V reliably ON > 3 V reliably OFF
Overload protected (Auto recovery)	
Short-circuit protected (Auto recovery)	
Dimensions	150 x 34 x 28 mm (H x W x D)

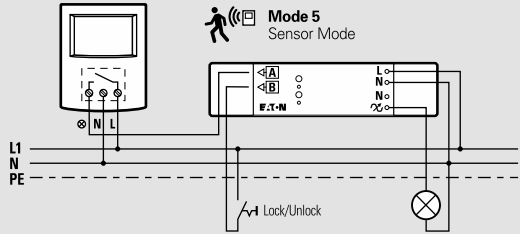
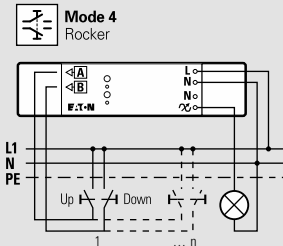
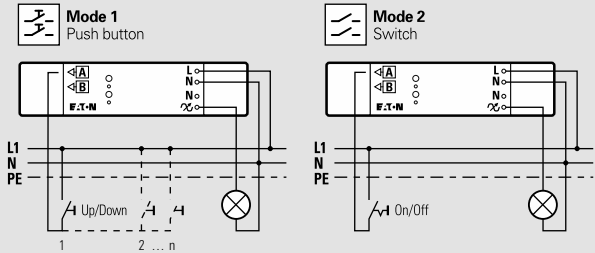


MRF	Version 2.44
RM	Version V41c
SHC-RF	Version 2.1
ECI-RF	Version 2.01
USB-RF	Version 2.10

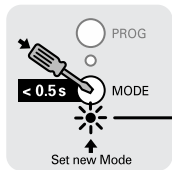
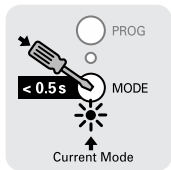
**CDAE-01/04, CDAE-01/05-E**



**CDAE-01/05-I with Local Inputs**



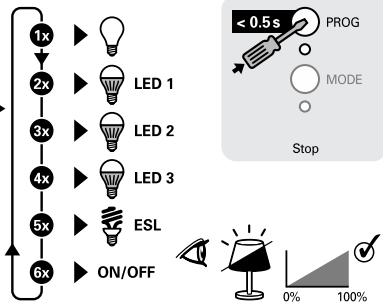
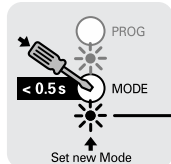
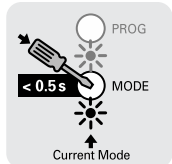
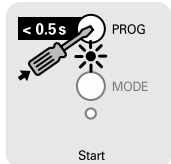
**Set Local Input Mode / Lokale Ingang toewijzen / Tildele Lokal Inngang /  
Zuweisung lokaler Eingang / Přifažení místního vstupu (CDAE-01/05-I)**



- 1x **Mode 1** Push button / Pulsdrucker / Trykknapp /  
Tastfunktion / Tlaëtko
- 2x **Mode 2** Switch / Schakelaar / Bryter /  
Schalter / Pærpina
- 3x **Mode 3** Mixed / Gemengd / Blandet /  
Mixed / Smišená
- 4x **Mode 4** Rocker / Tuimelschakelaar / Vippebryter /  
Wippschalter / Kolébkový spínaë
- 5x **Mode 5** Sensor Mode / Sensor Mode / Sensor Mode /  
Sensor-Modus / Mode Sensor

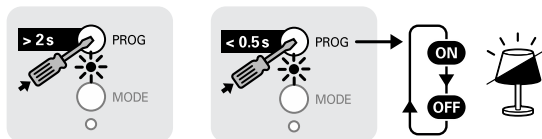
See wiring examples for modes 1, 2, 4 and 5.  
Zie bedradingsvoorbeelden modi 1, 2, 4 en 5.  
Se koblingseksempler for modi 1, 2, 4 og 5.  
Siehe Schaltbeispiele für die Modi 1, 2, 4 und 5.  
Viz Příklady zapojení pro režimy 1, 2, 4 a 5.

**Set Dim Profile / Dim Profil instellen / Stille inn dimmeprofil /  
Einstellen des Dim Profil / Nastavení Dim profil**



See LED compatibility list for correct LED Dim Profile.  
Zie de LED-compatibiliteitslijst voor het juiste LED Dim-profiel.  
Se LED-kompatibilitetslister for korrekt LED dimmeprofil.  
Siehe LED-Kompatibilitätsliste für das korrekte LED Dim Profil.  
Viz LED seznam kompatibilních pro správnou LED Dim Profilu.

**Manual switching - test / Handmatig schakelen - test / Manuell betjening - test / Handschaltung - Test / Ruční přepínání / test**



**Assign Sensor in Basic Mode / Sensor in Basic Mode toewijzen / Tilknytte i Basic Mode / Zuweisen im Basic Mode / Přřadit v základním režimu**



**Remove Sensor in Basic Mode / Sensor in Basic Mode verwijderen / Fjerne i Basic Mode / Löschen im Basic Mode / Odstranit v základním režimu**



**Identify in MRF / Identifieren in MRF / Identifiser i MRF / Identifizieren im MRF / Identifikace v MRF**



**Back to factory default / Terug naar fabrieksinstellingen / Tilbake til fabrikkinnstillinger / Auf Auslieferungszustand zurücksetzen / Zpět na tovární hodnoty**





# Declaration of Conformity

We, EATON Industries (Austria) GmbH  
3943 Schrems, Eugenia 1  
Austria

declare that product (family)

**Eaton - Dimming Actuator,**

**CDAE-01/04..; CDAE-01/05.. (contains RF-Modul  
CSCZ-01/xx)**

(the declaration of conformity applies to all  
listed types within our actual product catalog)

provided that it is installed, maintained and used in the  
application intended for, with respect to the relevant manufacturers  
instructions, installation standards and "good engineering practices"

complies with the provisions of Council directive(s):

- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC
- Radio and Telecommunications Terminal Equipment 99/05/EC
- RoHS Directive 2011/65/EU

based on compliance with following standard(s):

- EN50491-5-1/10, EN50491-5-2/10, EN60669-2-1/10,
- EN50428/05+A1/07+A2/09, EN55015/13, EN61547/09
- covered by RF-Modul CSCZ-01/xx: EN301489-3 V1.6.1, EN300220-2
- V2.4.1, EN50491-5-1/10, EN50491-5-2/10,
- EN60950-1/06 + A11/09 + A11/10 + A12/11 +
- A2/13, EN62479/10



20.10.2015

Fernando Ceccarelli

Senior Vice President  
General Manager

Friedrich Schröder

Director Quality  
& EHS

Affixing date of CE mark: 2015

Doc.Id.: CDAE-01/04..; CDAE-01/05.. (contains RF-Modul CSCZ-01/xx)