

# Datasheet

→ **BFL\_439\_AU** [↗](#)

11/04/2024



## Technical Data

Illuminated contact block, maintained, W2x4,6d

*Series* Contactor B...\_439

*Rubric* Contact block



## → General Data

*Illumination* Yes

*Protection class* IP00

*Approvals* CCC, CE, UKCA

*Operating temperature*  
-30 ... 70 °C without lighting  
-30 ... 55 °C with incandescent lighting  
-30 ... 65 °C for LED lighting

*Storage temperature* -50 ... 85 °C

*Installation depth* 32.05 mm

*Connection* Flat plug 2.8 mm x 0.8 mm

*Contact material* AgNi gold-plated

*Contact type*  
2 NC  
2 S

## → Electrical Data

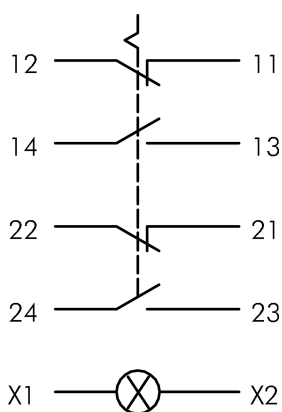
|                                                      |                            |
|------------------------------------------------------|----------------------------|
| <i>Rated operating voltage</i><br>IEC/EN 60947-5-1   | 60 V AC                    |
|                                                      | 40 V DC                    |
|                                                      | 50 V DC                    |
|                                                      | 60 V DC                    |
|                                                      | 60 V DC                    |
| <i>Rated operational current</i><br>IEC/EN 60947-5-1 | 3 A AC                     |
|                                                      | 5 A DC                     |
|                                                      | 4 A DC                     |
|                                                      | 3 A DC                     |
|                                                      | 1 A DC                     |
| <i>Electrical life</i>                               | 1,000,000 Switching cycles |
| <i>Light source</i>                                  | W2x4,6d Lamp socket        |

## → Mechanical Data

|                           |                            |
|---------------------------|----------------------------|
| <i>Mechanical life</i>    | 1,000,000 Switching cycles |
| <i>Operating travel</i>   | 3 mm                       |
| <i>Switching function</i> | Maintained                 |

## Technical Drawings

### → Circuit diagram



### → Switching path diagram

