# **Burgess** Standard Size Metal Cased Micro Switches



Actuator

Spring plunger with cowl protection. Heavy-duty roller-lever auxiliary actuator available if required - see

Mechanism Terminals

page 155 Single-pole, changeover Three 6BA screws with captive washers behind removable insulated cover

**Electrical Rating** Recommended maximum 15A on 125 or 250 Vac.

Full ratings on page 53 (Table 1)

Free Position (max) 40.8 mm 1 6 in **Operating Position** 39.3 1.55 in ±0.4 mm

Movement Differential (max) 0.08 mm Available Overtravel 4.6 mm 0.18 in Actuating Force (max) 7.2 N 26 ozf Release Force (min) 1.7 N 6 ozf Mechanical Life Between 1 and 10 million

operations

Enclosure Mechanism only: IP54

Temperature -10° to +85°C Weight 90 g max

Please contact Burgess for latest

information

This model and similar models are described in detail on pages 52-53

Approvals

Ø3.66 +0.15 53 1 Mar Overall Width 20-6 Max

## 4BR/510



Actuator

Stainless steel spring plunger with cowl protection Mechanism Single-pole, changeover Terminals

Three 6BA screws with captive washers behind removable insulated

Case Metal. Mechanism sealed

#### **Electrical Rating**

against ingress of moisture Recommended maximum 15A on 125 or 250 Vac.

Full ratings on page 53 (Table 1)

40.8 mm Free Position (max) Operating Position 39.3 ±0.4 mm

Movement Differential (max) 0.08 mm 0.003 in Available Overtravel 4.6 mm 0.18 in Actuating Force (max) 7.2 N 26 ozf Release Force (min) 1.7 N 6 ozf Mechanical Life Between 1 and 10 million

operations

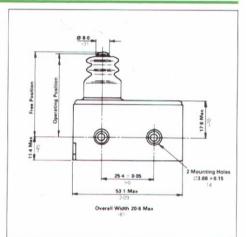
Enclosure Mechanism only sealed and pressure tested:

IP67, NEMA type 6 -10° to +85°C

Weight 90 g max Approvals Please contact Burgess for latest

information This model and similar models are described in detail

on pages 52-53



### 4CR



Actuator

Spring plunger with cowl protection. Compared with 4BR and 4BR/510 above, the plunger is offset by 2.0 mm (0.08 in)

Mechanism Single-pole, changeover Terminals

**Electrical Rating** 

Case

Temperature

Three 6BA screws with captive washers behind removable cover Metal

Recommended maximum 15A

on 125 or 250 Vac.

Full ratings on page 53 (Table 1) Free Position (max) 40.8 mm Operating Position 39.3 ±0.4 mm

Movement Differential (max) 0.025 mm 0.001 in Available Overtravel 4.6 mm 0.18 in Actuating Force (max) 3.9 N 14 ozf Release Force (min) 1.1 N 4 ozf

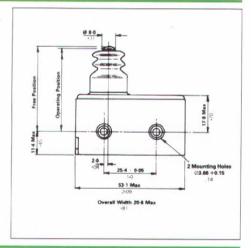
Mechanical Life Between 1 and 10 million operations

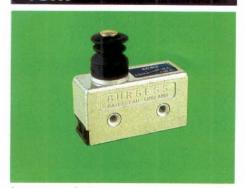
Enclosure Mechanism only: IP54 Temperature -10° to +85°C 96 g max

Approvals Please contact Burgess for latest

information

This model and similar models are described in detail on pages 52-53





Actuator Mechanism

Spring plunger with cowl protection Single-pole, changeover. Wide contact separation

**Terminals** 

Three 6BA screws with captive washers behind removable cover

Case Metal **Electrical Rating** 

Recommended maximum 15A on 125 or 250 Vac.

Full ratings on page 53 (Table 2) Free Position (max) 40.8 mm 1.6 in 39.14

**Operating Position** 1.54 in ±0.38 mm Movement Differential (max) 0.165 mm 0.0065 in Available Overtravel 4.6 mm 0.18 in

Actuating Force (max) 11 N 40 ozf Release Force (min) 1.1 N 4 ozf Mechanical Life Between 10,000 and 100,000 operations

Enclosure Mechanism only: IP54 -10° to +85°C Temperature Weight 96 g max

This model and similar models are described in detail on pages 52-53

