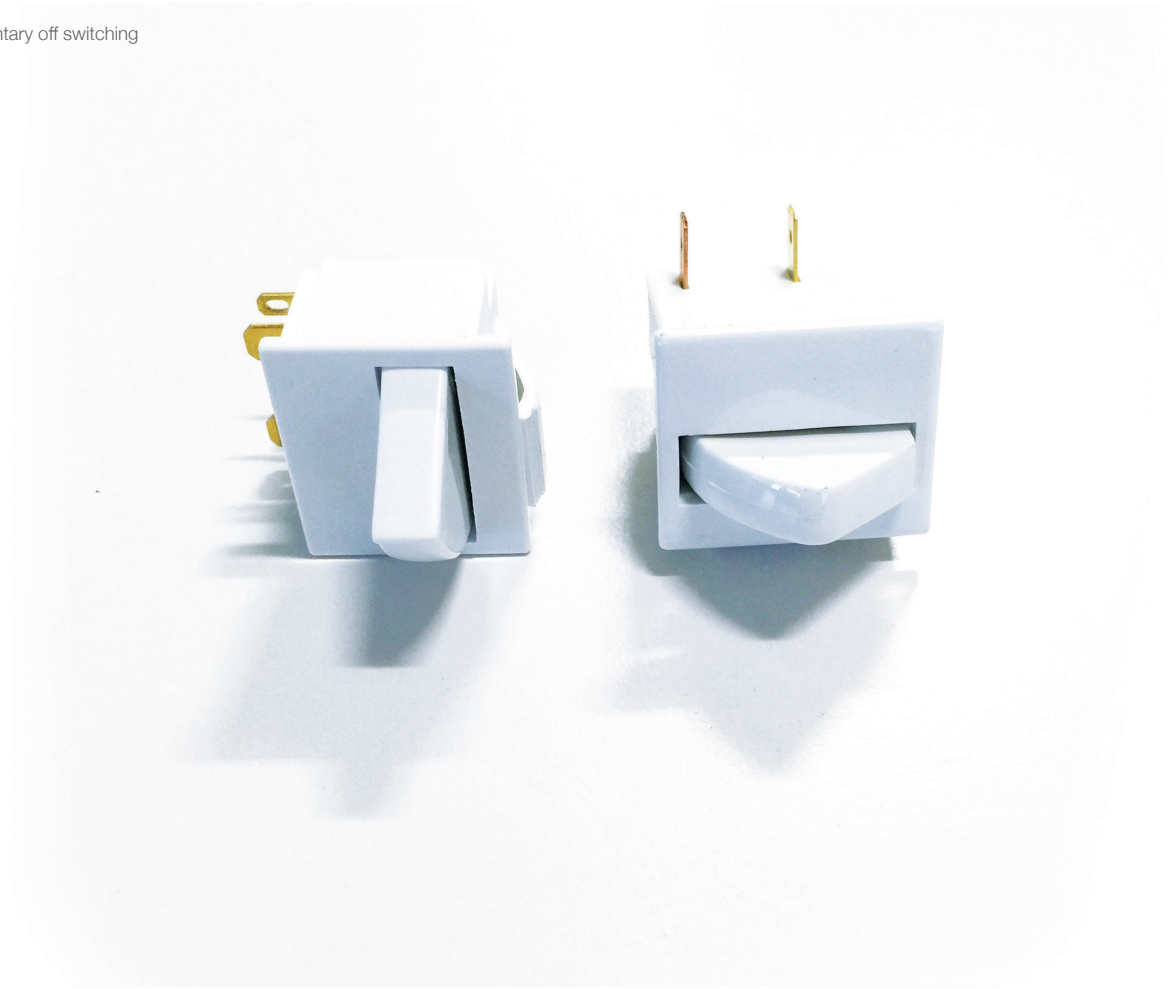
Long recognised as a leader in refrigerator door switches, Bulgin's wide range of types and configurations will suit almost any need. With both double contact and single contact options, our switches are not only ideal for traditional refrigerator and freezer applications but can and have been used in a variety of door applications as well.

- Door switches
- Switch rating from 0.2A, 250V ac up to 5A, 250Vac
- Splash resistant variants
- Choice of actuators
- Momentary on and momentary off switching



Downloaded from Arrow.com.

0055 Door Switches



C0056RB ---



C0055RB ---



C0056RB ---



C0055RB ---

Key Features

- Ratings up to 0.2A, 250V ac
- High temperature rating up to 125°C
- Long overtravel
- Choice of terminal orientation

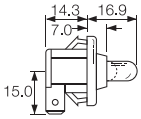
Approvals and specifications

0055 & 0056
0.2(0.2)A 250Vac 25T125 5E4
(50,000 operations)

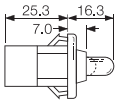
μ contact gap

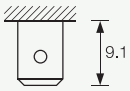
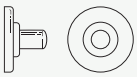
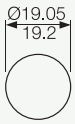
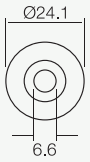
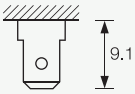
Dimensions and Properties

C0055RB



C0056RB



Terminal	Function	Actuator	Body	Options
C  9.1 6.3x0.8	**0055** ON - OFF (momentary OFF) 90° terminals	**R** 	**B** Panel cut - out  Ø19.05 19.2 Panel thickness 0055 1.0 - 1.6 0056 1.0 - 2.6 Flange  Ø24.1 6.6	Finish Gloss finish only Colour White or black Call sales for custom colours.
H  9.1 4.8x0.8	**0056** ON - OFF (momentary OFF) straight terminals			

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3005 Refrigerator Door Switches

Splash Resistant



C3005BL - - -

C3005CB - - -

Key Features

- Door switches
- Momentary on and momentary off switching
- Splash resistant
- Choice of terminal orientation
- Choice of actuators

Approvals and specifications

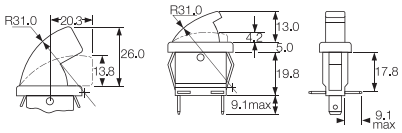
3005 25W 25T85 5E4 (50,000 Operations) 250Vac
3006 65W 25T85 5E4 (50,000 Operations) 250Vac
(ENEC approval pending)

UL 0.3A 250Vac (Black Versions Only)
UL 0.2A 125Vac (Black Versions Only)

μ contact gap

Dimensions and Properties

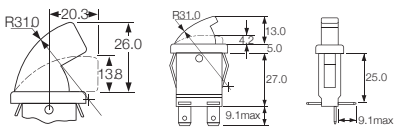
3005



Panel thickness 1.0 - 2.5mm

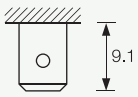
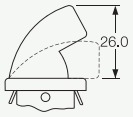
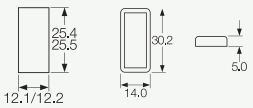
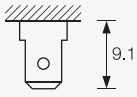
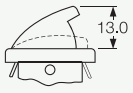
B Actuator C Actuator R, L & B terminals

3006



Panel thickness 1.0 - 2.5mm

B Actuator C Actuator R, L & B terminals

Terminal	Function	Actuator	Body	Options
C  6.3x0.8	**3005**  ON - OFF (momentary OFF) 1mm max travel to OFF position	**B**  	**R** **L** **B**  Terminal direction (viewed from hinge end) Panel cut - out Bezel Bezel Profile  	Finish Gloss finish only Colour White or black Call sales for custom colours. A full range is available for large orders.
H  4.8x0.8	**3006**  ON - OFF (momentary ON) 3mm min travel to ON position	**C**  		

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3100 Refrigerator Door Switches

Splash resistant



E3111BA - - -



E3102AA - - -

Key Features

- Door switches
- Ratings up to 5A, 250V ac
- Splash resistant
- Changeover, momentary ON and momentary OFF
- Choice of actuators

Approvals and specifications

5A 250Vac 25T85 5E4 (50,000 Operations)

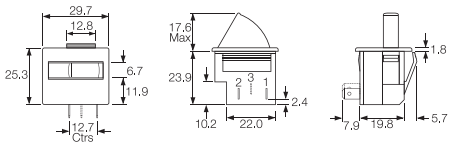
UL 5A 250Vac
UL 85°C, file E45221

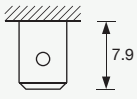
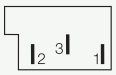
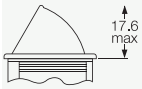
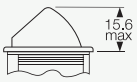
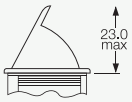
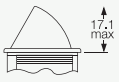
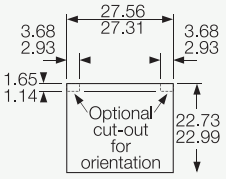
μ contact gap.
Sealed terminals option available.

Dimensions and Properties

3101 uses terminals 1,2
3102 uses terminals 1,2
3111 uses terminals 1,2,3

For details of actuator travel and switching angles call sales.



Terminal	Function	Actuator	Body	Colour	Options
E  4.8x0.5 QC	 **3101**  ON - OFF (momentary CLOSED) **3102**  ON - OFF (momentary OFF) **3111**  ON - ON (momentary 1 side)	**A**  **B**  **C**  **D** 	**A** 	**W** White **B** Black **PW** Polar White	Finish Gloss finish only Colour White or black Call sales for custom colours. A full range is available for large orders.

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3100 ATEX Refrigerator Door Switches



Key Features

- ATEX Rated up to 2.5A, 250Vac
- Splash resistant
- Changeover, momentary ON and momentary OFF
- Choice of actuators & colours

Approvals and specifications

ATEX Approved for hazardous locations
2.5A 250Vac
Compiles with:
EN IEC 60079-0 & 60079-15
Ex II 3 G & Ex nC IIA Gc
Type Examination Certificate no. UL 22 ATEX 2897U

5A 250Vac (Standard location only)
25T85 5E4 (50,000 Operations)

UL 5A 250Vac (Standard location only)
UL 85°C

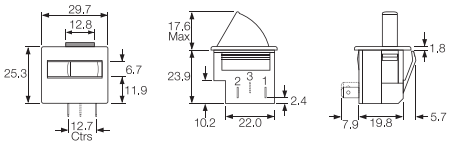
Dimensions and Properties

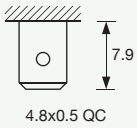
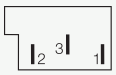
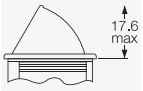
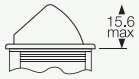
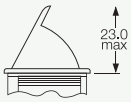
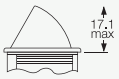
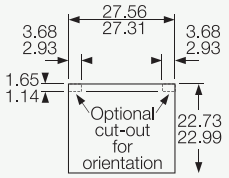
3101 uses terminals 1,2
3102 uses terminals 1,2
3111 uses terminals 1,2,3

μ contact gap.

For details of actuator travel and switching angles call sales.

Finish: Gloss finish only



Terminal	Function	Actuator	Body	Colour	Options	Approval
E  4.8x0.5 QC	 **3101**  ON - OFF (momentary CLOSED) **3102**  ON - OFF (momentary OFF) **3111**  ON - ON (momentary 1 side)	**A**  **B**  **C**  **D**  	**A**  	**W** White **B** Black **P** Polar White Call sales for custom colours. A full range is available for large orders.	**A** Standard Call sales for plated contacts and sealed terminal options.	**EX** ATEX Approved

Part Code System

E	31XX	X	A	X	X	X
Terminal E	**Function** 3101 3102 3111	**Actuator Type** A B C D	**Body** A	**Colour** W B P	**Options** A	**Approval** EX

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3140 Refrigerator Door Switches

Splash resistant



HK3141AA - - -



H3145AA - - -

Key Features

- Door switches
- Ratings up to 5A, 250V ac
- Splash resistant
- Momentary action
- Choice of actuators
- 2 circuit switch

Approvals and specifications

5A 250Vac 25T85 5E4 (50,000 Operations)

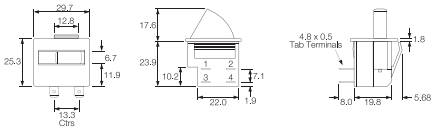
UL 5A 250Vac
UL 85°C

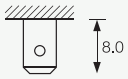
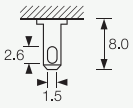
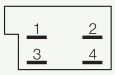
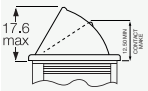
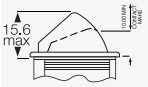
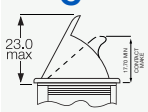
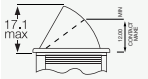
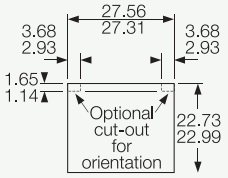
3141, μ contact gap.
3145 and 3146, 3mm contact gap.

Sealed terminals option available.

Dimensions and Properties

3141 uses terminals 1,2,3,4
3145 uses terminals 3,4
3146 uses terminals 1,2



Terminal	Function	Actuator	Body	Colour	Options
H  4.8x0.8 **K**  2.8x0.8 Standard format is H terminals in positions 1 & 2 and K terminals in positions 3 & 4 For sealed terminals call sales	 **3141** ON - ON (momentary) **3145** ON - OFF (momentary OFF) **3146** ON - OFF (momentary ON)	**A**  **B**  **C**  **D** 	**A** 	**W** White **B** Black **PW** Polar White	Finish Gloss finish only Colour White or black Call sales for custom colours. A full range is available for large orders.

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3140 ATEX Refrigerator Door Switches



Key Features

- ATEX Rated up to 2.5A, 250Vac
- Splash resistant
- Momentary action
- Choice of actuators & colours
- 2 circuit switch

Approvals and specifications

ATEX Approved for hazardous locations
2.5A 250Vac
Compiles with:
EN IEC 60079-0 & 60079-15
Ex II 3 G & Ex nC IIA Gc
Type Examination Certificate no. UL 22 ATEX 2897U

5A 250Vac (Standard location only)
25T85 5E4 (50,000 Operations)

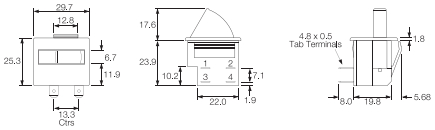
UL 5A 250Vac (Standard location only)
UL 85°C

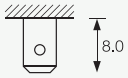
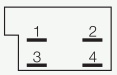
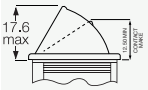
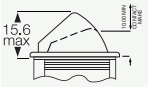
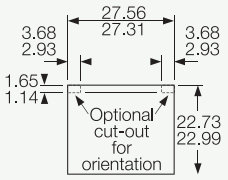
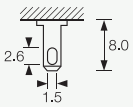
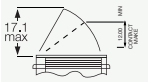
Dimensions and Properties

3141 uses terminals 1,2,3,4
3145 uses terminals 3,4
3146 uses terminals 1,2

3141, μ contact gap.
3145 and 3146, 3mm contact gap.

Finish: Gloss finish only



Terminal	Function	Actuator	Body	Colour	Options	Approval
H  4.8x0.8	 **3141**  ON - ON (momentary)	**A**  **B**  	**A**  	**W** White **B** Black	**A** Standard	**EX** ATEX Approved
K 3141 Only  2.8x0.8	**3145**  ON - OFF (momentary OFF)	**C**  		**P** Polar White		
Standard format is H terminals in positions 1 & 2 and K terminals in positions 3 & 4 (HK3141)	**3146**  ON - OFF (momentary ON)	**D**  		Call sales for custom colours. A full range is available for large orders.	Call sales for plated contacts and sealed terminal options.	

Part Code System

X	314X	X	A	X	X	X
Terminal HK (3141 only) H	**Function** 3141 3145 3146	**Actuator Type** A B C D	**Body** A	**Colour** W B P	**Options** A	**Approval** EX

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