

# 0305 Combined Switch / Lampholder for Freezers



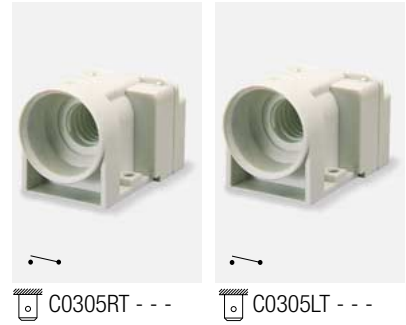
2A 250Vac 25 T 85

**RoHS**

RoHS compliant

For approval status on versions.  
0306 and 0308 call the factory.  
Switched units have  $\mu$  contact gap.  
Technical data on pages 4 & 5.

- ▶ E12 and E14 lamps
- ▶ Switch rating up to 2A, 250V ac
- ▶ Auto switching
- ▶ Mercury free
- ▶ Available with right or left hand orientation
- ▶ Available as lampholder only



C0305RT - - -

C0305LT - - -

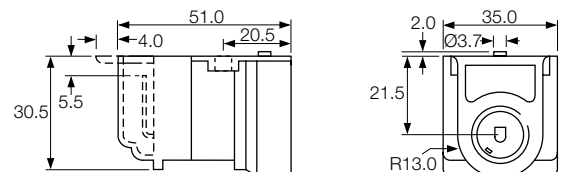
**C 0305 R T - - -**

TERMINAL FUNCTION MOUNTING BODY COLOUR, ETC

| ▶ TERMINAL                                  | ▶ FUNCTION  | ▶ MOUNTING  | ▶ BODY   | ▶ OPTIONS   |
|---|---|---|--|---|
| <p><b>C</b></p> <p>6.3 x 0.8</p> <p>9.1</p> | <p><b>0305</b> (E14)</p> <p>ON - OFF<br/>Switch and Lampholder</p> <p><b>0306</b> (E12)</p> <p>ON - OFF<br/>Switch and Lampholder</p> | <p><b>L</b></p> <p>For Left hinged lid for 0305/0306 switches not for 0307 lampholders</p> <p>25° min</p> <p>View from bulb end</p> | <p><b>T</b></p> <p>Body without flange for 0305/0306 switches</p> <p>Top view</p>                            | <p><b>Colour</b></p> <p>Call factory for colours. A full range is available for large orders.</p> |
| <p><b>H</b></p> <p>4.8 x 0.8</p> <p>9.1</p> | <p><b>0307</b> (E14)</p> <p>Lampholder only (No Switch)</p> <p><b>0308</b> (E12)</p> <p>Lampholder only (No Switch)</p>               | <p><b>R</b></p> <p>For Right hinged lid for 0307 lampholders or 0305/0306 switches</p> <p>25° min</p> <p>View from bulb end</p>     | <p><b>S</b></p> <p>Body with rear flange for 0307 lampholders and for 0305/0306 switches</p> <p>Top view</p> |   |

## Dimensions (mm) and Properties

The mechanism of this switch/lampholder does not contain mercury and may be safely used in food storage equipment. When fitted to the lid of a freezer storage cabinet, the switch will operate the lamp when the lid is opened to the angle of tilt shown in the drawing.



# 0055 Door Switches



C0055RB ---



C0056RB ---

- ▶ Door switches
- ▶ Ratings up to 2A, 250V ac
- ▶ High temperature rating up to 125°C
- ▶ Long overtravel
- ▶ Push button door switch



0055 & 0056  
2(0.2)A 250Vac 25T125 5E4  
(50,000 operations)



RoHS compliant

μ contact gap

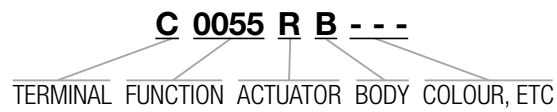
Technical data on pages 4 & 5



C0055RB ---

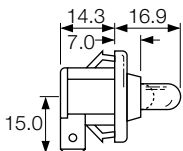


C0056RB ---

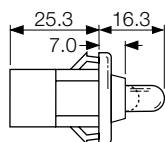


| ▶ TERMINAL  | ▶ FUNCTION   | ▶ ACTUATOR      | ▶ BODY  | ▶ OPTIONS |           |      |           |  |
|---|--|-----------------|---|-----------|-----------|------|-----------|--|
| <p><b>C</b></p> <p>6.3 x 0.8</p> <p>9.1</p>             | <p><b>0055</b></p> <p>ON - OFF<br/>(momentary OFF)</p> | <p><b>R</b></p> | <p><b>B</b></p> <p>Panel cut-out</p> <p>Panel thickness</p> <table border="1"> <tr> <td>0055</td> <td>1.0 - 1.6</td> </tr> <tr> <td>0056</td> <td>1.0 - 2.6</td> </tr> </table> <p>Flange</p> | 0055      | 1.0 - 1.6 | 0056 | 1.0 - 2.6 | <p><b>Finish</b></p> <p>Gloss finish only</p> <p><b>Colour</b></p> <p>White or black</p> <p>Call factory for custom colours.</p> |
| 0055  | 1.0 - 1.6  |                 |   |           |           |      |           |  |
| 0056  | 1.0 - 2.6  |                 |   |           |           |      |           |  |
| <p><b>H (0056 only)</b></p> <p>4.8 x 0.8</p> <p>9.1</p> | <p><b>0056</b></p> <p>ON - OFF<br/>(momentary OFF)</p> |                 | <p>Panel cut-out</p> <p>Panel thickness</p> <table border="1"> <tr> <td>0055</td> <td>1.0 - 1.6</td> </tr> <tr> <td>0056</td> <td>1.0 - 2.6</td> </tr> </table> <p>Flange</p>                 | 0055      | 1.0 - 1.6 | 0056 | 1.0 - 2.6 | <p><b>Finish</b></p> <p>Gloss finish only</p> <p><b>Colour</b></p> <p>White or black</p> <p>Call factory for custom colours.</p> |
| 0055  | 1.0 - 1.6  |                 |   |           |           |      |           |  |
| 0056  | 1.0 - 2.6  |                 |   |           |           |      |           |  |

Dimensions (mm)  
C0055RB



C0056RB



# 3005 Refrigerator Door Switches *Splashproof*



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



RoHS compliant

These products require 3mm minimum actuator stroke to ensure switch action and rating above.

μ contact gap.  
Technical data on pages 4 & 5.

- ▶ Door switches
- ▶ Momentary on and momentary off switching
- ▶ Splashproof
- ▶ Choice of terminal orientation
- ▶ Choice of actuators



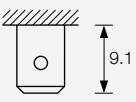

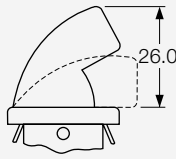
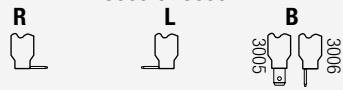
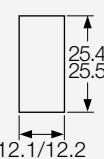
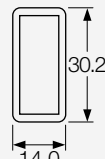
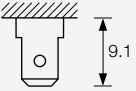

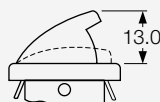

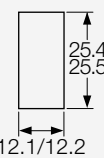
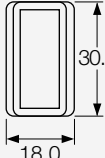
C3005CB ---



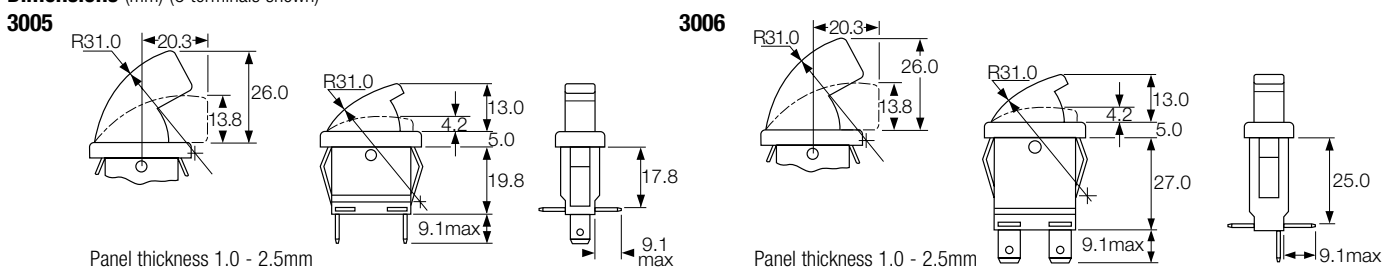
C3005BL ---

## C 3005 C B ---

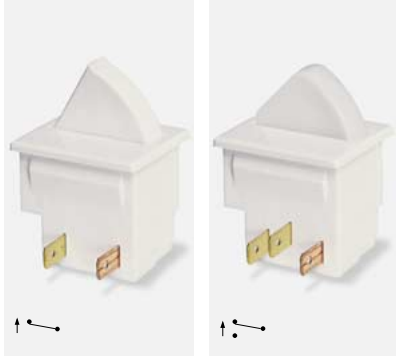
TERMINAL FUNCTION ACTUATOR BODY COLOUR, ETC

| ▶ TERMINAL   | ▶ FUNCTION   | ▶ ACTUATOR  | ▶ BODY  | ▶ OPTIONS   |
|--|--|---|---|---|
| <b>C</b><br><br>6.3 x 0.8 | <b>3005</b><br><br>ON - OFF<br>(momentary OFF)<br>1mm max travel<br>to OFF position | <b>B</b><br><br>26.0 | <b>3005 or 3006</b><br><b>R L B</b><br><br>Terminal direction (viewed from hinge end)<br>Panel cut-out<br><br>25.4 / 25.5<br>12.1/12.2<br>Bezel<br><br>30.2<br>14.0 | <b>Finish</b><br>Gloss finish only<br><b>Colour</b><br>White is standard<br>Call factory for custom colours.<br>A full range is available for large orders. |
| <b>H</b><br><br>4.8 x 0.8 | <b>3006</b><br><br>ON - OFF<br>(momentary ON)<br>3mm min travel<br>to ON position   | <b>C</b><br><br>13.0 | <b>3005 only</b><br><b>D S U</b><br><br>Terminal direction (viewed from hinge end)<br>Panel cut-out<br><br>25.4 / 25.5<br>12.1/12.2<br>Bezel<br><br>30.2<br>18.0    |   |

Dimensions (mm) (C terminals shown)



# 3100 Refrigerator Door Switches *Splashproof*



E3102AA --- E3111BA ---

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



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



UL CSA 5A 250Vac  
UL 85°C, file E45221, CSA file LR10990

In house test

200W 250Vac Lampload (400,000 operations)



RoHS compliant

μ contact gap.  
Technical data on pages 4 & 5.  
Sealed terminals option available. Call factory for details.

## E 3102 A A ---

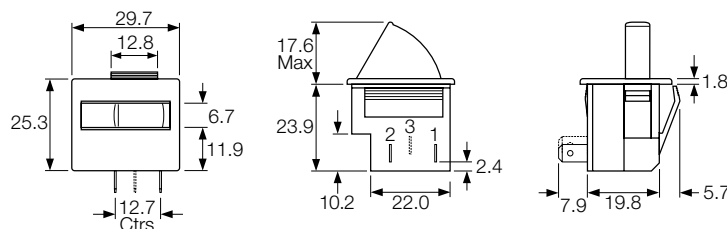
TERMINAL FUNCTION ACTUATOR BODY COLOUR, ETC

| ▶ TERMINAL  | ▶ FUNCTION  | ▶ ACTUATOR  | ▶ BODY   | ▶ OPTIONS   |
|---|---|---|--|---|
| <p><b>E</b></p> <p>4.8 x 0.5</p> <p>7.9</p> <p><b>For sealed terminals call the factory</b></p> | <p><b>3101</b></p> <p>ON - OFF (momentary ON)</p> <p><b>3102</b></p> <p>ON - OFF (momentary OFF)</p> <p><b>3111</b></p> <p>ON - ON (momentary 1 side)</p> | <p><b>A</b></p> <p><b>B</b></p> <p><b>C</b></p> <p><b>D</b></p> | <p><b>A</b></p> <p>Panel cut-out<br/>Panel thickness 1.0 - 2.5mm</p> | <p><b>Finish</b><br/>Gloss finish only</p> <p><b>Colour</b><br/>White is standard</p> <p>Call factory for custom colours.<br/>A full range is available for large orders.</p> |

### Dimensions (mm) ("A" actuator shown)

- 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 the factory.



# 3140 Refrigerator Door Switches *Splashproof*



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



UL CSA 5A 250Vac  
UL 85°C, file E45221, CSA file LR10990

In house test

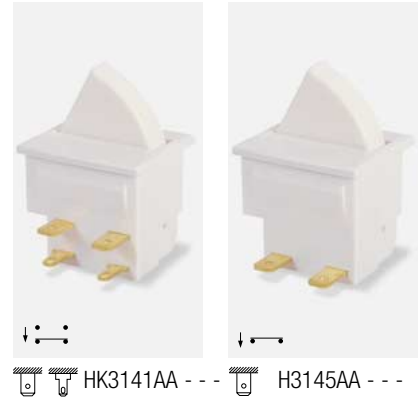
200W 250Vac Lampload (400,000 operations)



RoHS compliant

3141,  $\mu$  contact gap.  
3145 and 3146, 3mm contact gap.  
Technical data on pages 4 & 5.  
Sealed terminals option available. Call factory for details.

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



HK3141AA --- H3145AA ---

## HK 3141 A A ---

TERMINALS FUNCTION ACTUATOR BODY COLOUR, ETC

| TERMINAL   | FUNCTION   | ACTUATOR  | BODY   | OPTIONS   |
|--|--|---|--|---|
| <p><b>H</b></p> <p>4.8 x 0.8</p> <p>Standard format is H terminals in positions 1 &amp; 2 and K terminals in positions 3 &amp; 4</p> <p><b>For sealed terminals call the factory</b></p> | <p><b>3141</b></p> <p>ON - ON (momentary)</p> <p><b>3145</b></p> <p>ON - OFF (momentary OFF)</p> <p><b>3146</b></p> <p>ON - OFF (momentary ON)</p> | <p><b>A</b></p> <p><b>B</b></p> <p><b>C</b></p> <p><b>D</b></p> | <p><b>A</b></p> <p>Panel cut-out<br/>Panel thickness 1.0 - 2.5mm</p> | <p><b>Finish</b><br/>Gloss finish only</p> <p><b>Colour</b><br/>White is standard</p> <p>Call factory for custom colours.<br/>A full range is available for large orders.</p> |

### Dimensions (mm) ("A" actuator shown)

**3141** uses terminals 1,2,3,4

**3145** uses terminals 3,4

**3146** uses terminals 1,2

For details of actuator travel and switching angles call the factory.

