



**EN:** This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at [www.hestore.hu](http://www.hestore.hu).

## 1550 & 1350 Hi-inrush Switches

150A to IEC65 and 16A 250Vac



### Ratings Information

#### 1550 Series

16(4)A 250Vac T125

UL CSA 16A 250Vac

UL CSA (2 position) 250Vac 1hp, 125Vac ½ hp

UL CSA (3 position) 250Vac ½ hp, 125Vac ¼ hp

Inrush 36A to EN61058-1 & 20A 28Vdc (In house tests)

#### 1350 Series

Ⓢ 150A Inrush to IEC 65

16(4)A 250Vac T85 1E4 (10,000 Operations)

UL CSA 20A 250Vac 1hp, 125Vac ½ hp

UL 85°C, file E45221

CSA file LR10990

20A 28Vdc (In house test)

3mm contact gap except where marked μ

### Examples



C1350AL

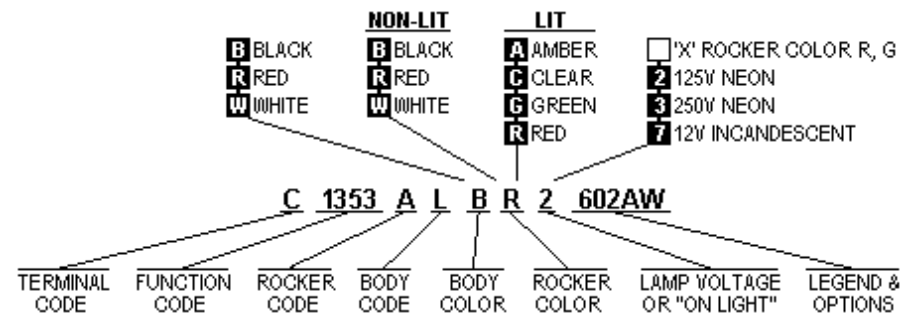


C1353AL

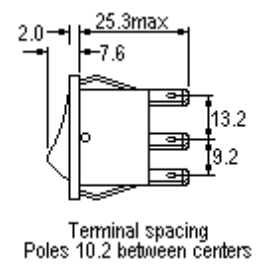


C1350XL

### Order Format



**Dimensions**



**Panel Thickness**

|         |               |
|---------|---------------|
| A, Q    | 0.75 to 3.3mm |
| L, B, T | 0.75 to 2.5mm |
| R       | 0.75 to 3.0mm |

\*For cutout details on momentary switches contact the factory.



C1353PL



C1570AL

**Examples Of Legend Printing ( ) is legend color B-Black, W-White, R-Red**



602A(W)



1091(W)



822(W)



722(W)



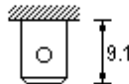
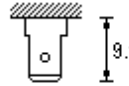
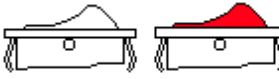
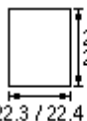
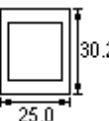
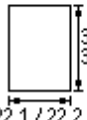
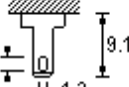
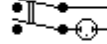
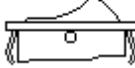
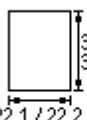
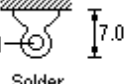
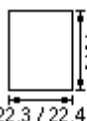
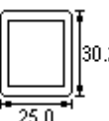
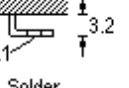
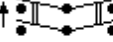
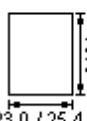
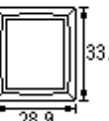
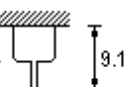
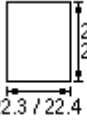
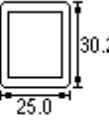
727(W)



730(W)



Optional M441 barrier

| TERMINAL CODE                                                                                                                        | SWITCH FUNCTION CODE                                                                                                                                                               |                                                                                                                             |                                                                                    | ROCKER CODE                                                                                                                                              | BODY CODE                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | OPTIONS |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>C</b><br><br>6.3 x 0.8                            | Approvals & ratings vary with function<br>On Off Switches are ON when pressed over terminal 1<br> |                                                                                                                             |                                                                                    | <b>A</b> Softline<br><br>Matt only      Lit Matt only                 | Panel cut-outs *      Flanges                                                                                                                                                                                                                  | <b>Finish</b><br>Matt finish is standard.<br>For gloss consult factory and specify gloss when ordering.<br><br><b>Color</b><br>Consult factory for custom colors. A full range is available for large orders.<br><br><b>Legend printing</b><br>Select from the examples or call factory for custom legends.<br><br><b>Lamp voltage</b><br>Consult factory for details of other available voltages<br><br><b>Single pole options</b><br>Most switches shown can have single pole switching in double pole bodies.<br><br><b>Moisture resistant covers (IP65)</b><br>Will snap on to A, L, Q or T bodies (add G72 as a suffix) but will reduce panel thickness by 1.0mm.<br><br><br><br>Panel sealing washer W42 is available for the L body size but will reduce panel thickness by a further 0.8mm.<br><br><b>Note</b><br>Covers are not suitable for momentary switches. |         |
| <b>H</b> N/A on 1350<br><br>4.8 x 0.8               | <b>1350</b><br>16(4)A 1E4 T85 Euro<br>16(6)A 5E4 T125 Euro<br>on request                                                                                                           | ON - OFF                                                                                                                    |  | <b>V</b> Curved<br><br>Matt or gloss      Lit Gloss only              | <b>A</b><br><br>22.3 / 22.4      27.2 / 27.3<br><br><br>25.0      30.2   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
| <b>HP Rating N/A</b>                                                                                                                 | <b>1551</b><br>HP Rating N/A                                                                                                                                                       | ON - OFF (momentary ON)                                                                                                     |  |                                                                                                                                                          | <b>Gloss or Matt</b>                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
| <b>HP Rating N/A</b>                                                                                                                 | <b>1552</b><br>HP Rating N/A                                                                                                                                                       | ON - OFF (momentary OFF)                                                                                                    |  |                                                                                                                                                          | <b>B</b><br><br>22.1 / 22.2      30.0 / 30.1<br><br><br>25.0      33.4   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
| <b>N/A on 1350</b><br><br>2.0<br>H 1.2<br>2.8 x 0.8 | <b>1353</b>                                                                                                                                                                        | ON - OFF lit                                                                                                                |  | <b>W</b> Curved (moisture resistant)<br><br>Matt only                 | <b>Matt only</b>                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
|                                                                                                                                      | <b>1560</b> µ                                                                                                                                                                      | ON - ON                                                                                                                     |  |                                                                                                                                                          | <b>L</b><br><br>22.1 / 22.2      30.0 / 30.1<br><br><br>25.0      32.0   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
| <b>T</b> N/A on 1350<br><br>ø2.1<br>Solder          | <b>1561</b> µ<br>HP Rating N/A                                                                                                                                                     | ON - ON (momentary 1 side)                                                                                                  |  | <b>P</b> Lit window<br><br>Matt only                                  | <b>Matt only</b>                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
|                                                                                                                                      | <b>1570</b> µ<br>250V 1/2hp<br>125V 1/4hp<br>H terminal is rated T100 only                                                                                                         | ON - OFF - ON                                                                                                               |  |                                                                                                                                                          | <b>Q</b><br><br>22.3 / 22.4      28.2 / 28.3<br><br><br>25.0      30.2   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
| <b>U</b> N/A on 1350<br><br>ø2.1<br>Solder          | <b>1571</b> µ<br>HP Rating N/A<br>H terminal is rated T100 only                                                                                                                    | ON - OFF - ON (momentary 1 side)                                                                                            |  | <b>X</b> Softline 2 Color Rocker (not for momentary)<br><br>Matt only | <b>Gloss or matt</b>                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
|                                                                                                                                      | <b>1572</b> µ<br>HP Rating N/A<br>H terminal is rated T100 only                                                                                                                    | ON - OFF - ON (momentary 2 sides)                                                                                           |  |                                                                                                                                                          | <b>R</b><br><br>23.0 / 25.4      28.4 / 28.5<br><br><br>28.9      33.2   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
| <b>X</b> N/A on 1350<br><br>4.0<br>PCB 0.8Sq       | 5A only<br><b>*1484</b> µ<br>*Limited approvals                                                                                                                                    | 3 position selective<br>OFF - A - A+B<br> |                                                                                    | <b>A</b> Softline Lens<br><br>Matt only                              | <b>Matt only</b>                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |
|                                                                                                                                      | <b>0480</b><br>X terminal N/A                                                                                                                                                      | Indicator<br>                           |                                                                                    |                                                                                                                                                          | <b>T</b><br><br>22.3 / 22.4      28.2 / 28.3<br><br><br>25.0      30.2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |

## Technical Information

*Most major technical information is shown on the page covering the specific product, other details are grouped here for easy reference.*

*The details shown apply to all Switches and Fuseholders. For electrical products, Indicators or IEC sockets see the individual product page.*

### Materials

Body and actuator (opaque)

Actuator (transparent)

Current carrying parts

Contact points

### Most Products Expections

Nylon 6.6

Polycarbonate

Copper Alloy

Silver Plated

Silver Alloy

900 & 380 Vandal options are stainless steel

n/a for 55/56 & 2000, Gold plated for 1100

### Properties - Electrical

Electrical Life (operations)

Contact Resistance (switches) new condition  
(m ohms)

Contact Resistance (fuseholders) new condition  
(m ohms)

Insulation Resistance (M ohms)

Dielectric Strength: (kV)

across open contacts

between poles

between live parts and accessible metal

Comparative Tracking Index (CTI)

> 10k, many > 50k See relevant page for details

< 100 (at 12Vdc, 1100, 2000 contact factory  
1A)

5 (average)

> 20

> 1

> 3

> 4

> 250

### Properties - Physical

Humidity Resistance at 91-95% relative humidity  
(to subsequently comply with requirements of dielectric  
strength test)(hrs)

Impact Resistance (Nm)

Storage term 5 year period (°C)

Flame Retardancy:

Standard

On Request

Solderability to BS 2011 pt.2.1T -

Angular movement  $\pm 4^\circ$  overall (where applicable)

48

> 0.5

< 125

UL94V2

UL94V0

6 secs at 350°C

38°

0.2 - 2.0

1.0Nm (8.91 lb/in)

Some discoloration of terminals may occur

Polycarbonate actuators - UL94V2 only

Not all colors or variants

1250, 6000, 8500, 8550, 8600, 8650, 8800 -  
26°

## General Information

### All switches

Insulation Class II.  
Heat and Fire resistance Category D.  
Ingress Protection without cover IP40.  
DC ratings are not approved.

### All products

Panel holes must be punched in direction unit  
is to be fitted

### Illuminated rockers and indicator lights

Transparent lenses on indicator lights and  
illuminated switches are moulded in polycarbonate,  
a material which is attacked by organic chemicals  
and animal or vegetable fats.  
Please contact the factory for advice on these  
products.

## Weights of our most frequently supplied products

| Product      | gms     | Product        | gms  | Product | gms  |
|--------------|---------|----------------|------|---------|------|
| 0055,0056    | 5.7/6.8 | 1350           | 11.2 | 5567    | 14.3 |
| 0305         | 32.9    | 1500           | 5.7  | 6050    | 13.6 |
| 0333         | 4.5     | 1520           | 6.6  | 6053    | 14.2 |
| 0345         | 8.9     | 1550           | 11.2 | 7000    | 10.4 |
| 0380 sw only | 7.12    | 1553           | 11.8 | 7050    | 12.3 |
| 0383K/P      | 25.0    | 1570           | 12.7 | 7053    | 12.9 |
| 0392         | 10.7    | 1584-1589      | 11.1 | 8250    | 4.9  |
| 0430         | 5.5     | 1700H          | 8.4  | 8300    | 4.0  |
| 0589         | 3.5     | 1750H          | 13.2 | 8350    | 5.0  |
| 0692         | 51.8    | 1750O          | 25.6 | 8353    | 5.9  |
| 0711-1S      | 16.6    | 2000 2pos C SP | 3.8  | 8500    | 3.8  |
| 0712-S       | 27.8    | 2000 2pos C DP | 4.5  | 8550    | 4.8  |
| 0717-1S      | 22.4    | 2000 5pos A SP | 6.3  | 8553    | 5.2  |
| 0900S/L      | 2.6/2.9 | 2000 5pos A DP | 7.3  | 8600    | 3.5  |
| 1048         | 2.8     | T2225B         | 5.0  | 8620    | 4.3  |
| 1100         | 2.0     | 2950           | 5.3  | 8650    | 6.3  |
| 1250SP       | 5.9     | 3111           | 11.8 | 8670    | 8.5  |
| 1250DP       | 7.0     | 5500           | 7.1  | 8800    | 2.9  |
| 1300         | 5.7     | 5503           | 7.8  | 9100    | 21.1 |