1550 Standard & 1350 Hi Inrush Switches *150A to IEC65 and 16A 250Vac*

"*Arcshield*" feature hides visible switching arc

1550 Series 16(4)A 250Vac T125

UL CSA 16A 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp,
(3 posn) 250 Vac 1/2hp, 125Vac 1/4hp. UL 85°C, file E45221, CSA file LR10990

In house test Inrush 36A to EN61058-1 & 20A 28Vdc

1350 series 16(4)A 250Vac T85 1E4 (10,000 Ops.)
On request 16(6)A 250Vac T125 5E4 (50,000 Ops.) & Ⓢ 150A Inrush to IEC 65

UL CSA 20A 250Vac 1hp, 125Vac 1/2hp
UL 72Vdc 7A, 36Vdc 14A. UL 85°C, file E45221, CSA file LR10990

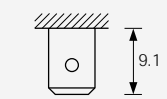
In house test 20A 28Vdc

3mm contact gap except if marked µ. Technical data on pages 4 & 5 (switches), 66 (indicators)

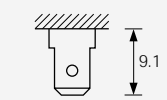
C 1553 A L ---

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC

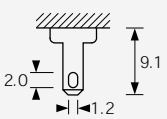
TERMINAL

C


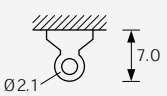
6.3 x 0.8

H


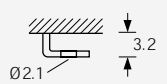
4.8 x 0.8*

K


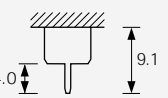
2.8 x 0.8*

T


Solder

U


Right angle T Solder (Not DP)

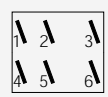
X


PCB 0.8Sq*

*Contact factory for details on 1350 series

FUNCTION

Approvals & ratings vary with function
On Off Switches - ON when pressed over terminal 1



Standard 1550 ♦	Hi Inrush 1350 ♦	
		ON - OFF
1551 HP rating N/A		ON - OFF (momentary ON)
1552 HP rating N/A		ON - OFF (momentary OFF)
1553 ♦ Not W, X or B rocker	**1353** ♦ Not W, X or B rocker	ON - OFF Lit
1560 ♦ µ		ON - ON
1561 µ HP rating N/A		ON - ON (momentary 1 side)
1562 µ In house tests only		2 Circuit ON - ON
1570 ♦ µ 125V & 250V 1/2 HP H terminal rated T100 only		ON - OFF - ON
1571 µ HP rating N/A H terminal rated T100 only		ON - OFF - ON (momentary 1 side)
1572 µ HP rating N/A H terminal rated T100 only		ON - OFF - ON (momentary 2 sides)
1484 µ In-house tested to 10(3)A 250Vac		3 position selective OFF - A - A+B
1487 µ In-house tested to 10(3)A 250Vac		3 position selective A - B - C (link not supplied)
0480 X terminal N/A		Indicator Technical data on page 66

ROCKER

A Softline Matt
Lit (not momentary)

B Splashproof *(with Arcshield)*

V Curved
Matt or gloss
Gloss only
Lit (not momentary)

W Splashproof *(with Arcshield)*

P Lit window Matt
Lit (not momentary)

X Two colour Matt
(On Off only - not momentary)

F Flat lens Gloss (0480 only)
Top view

A Softline lens Matt (0480 only)
as F but with raised profile

C1350AL ---

C1550XL ---

C1553PL ---

C0480AL ---

Optional snap-in M441 barrier

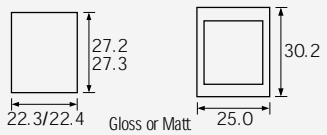
C1553AA with M616 guard
Cut-out 22.0/22.1 x 29.4/29.5
Guard accepts ªAº body only

BODY

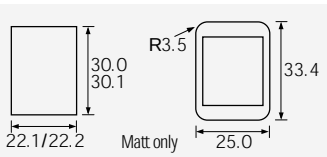
Panel cut-out * Flange

Cut-outs must be punched in the direction of insertion

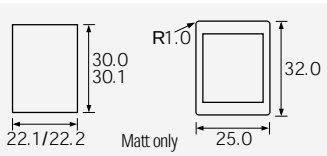
A



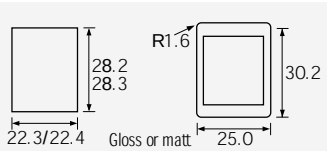
B



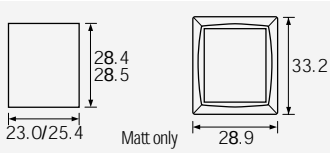
L



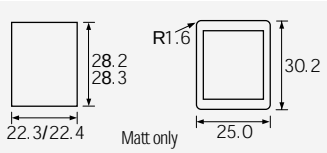
Q



R



T



OPTIONS

Finish Matt is standard

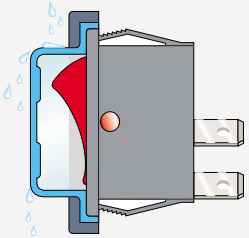
Colour Call factory for custom colours.
A full range is available for large orders

Legend printing Select from the examples or call factory for custom legends

Lamp voltage Call factory for details

Blanking plates A0494 Dummy units to fill unused panel holes

Protective cover (designed to IP65)
Snaps on to A, L, Q or T bodies
(add G after body in cat no). This reduces panel thickness by 1mm.

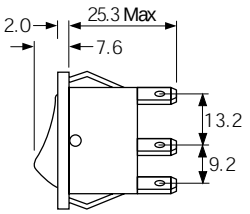


Panel sealing washer W42 is available for the above body sizes but reduces panel thickness by a further 0.8mm.
Covers are not suitable for momentary types.

Arcshield
Hides switching arc

For all options call the factory

DIMENSIONS (mm)



Terminal spacing - Poles 10.2 between centres

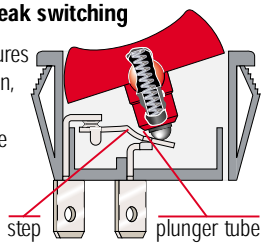
Panel thickness

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

* For cut-out details on momentary switches call the factory

1350 High inrush, positive break switching

The 1350 series mechanism ensures contact welds formed at switch-on, are positively separated by the plunger tube acting directly on the step in the moving contact.



Examples of printing

EN602A

EN730

EN822

Oderstraße 21-23
36043 Fulda
Telefon 0661/9475-0
Telefax 0661/9475-30
e-mail: info@maluska.de
Internet: www.maluska.de
maluska elektronik

Indicator Lights *(To match 8500, 8600, R13, 1500, 1550, 5500, 6000, 8300 and 7000 switches)*

UL file E63363 CSA file LR29381

Colours and voltages:

Neon Red, Amber Green, Clear
100/130V (marked 110V), 200/250V (marked 230V)

LED Red, Yellow, Green
2.0/2.2V Resistors for other voltages available

Filament lamp Red, Amber, Green, Clear and Blue
6V, 12/14V, 24/28V

For full product details, to create a catalogue number or to order:
Refer to the catalogue page shown against each item

TERM	TYPE	DIMENSIONS (mm)

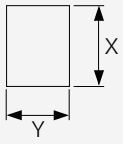
TERM: H 4.8

H8580 AB

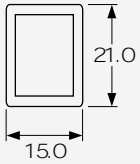
Full product details on pages 10-11

Body Code	Panel thickness	Cut-out X	Cut-out Y
B	0.75-1.25	19.1/19.2	12.9/13.0
	1.25-2.0	19.3/19.4	12.9/13.0
	2.0-3.0	19.7/19.8	12.9/13.0

Cut-out



Flange



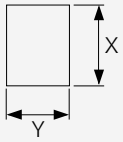
TERM: H 4.8 / T / X

H8630 FB

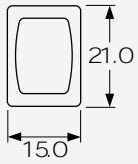
Full product details on pages 12-13

Body Code	Panel thickness	Cut-out X	Cut-out Y
B	0.75-1.25	19.1/19.2	12.9/13.0
	1.25-2.0	19.3/19.4	12.9/13.0
	2.0-3.0	19.7/19.8	12.9/13.0

Cut-out



Flange



TERM: H 4.8

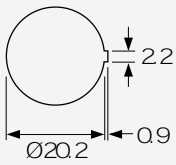
R9 92B *Factored product*

Approvals details - contact the factory

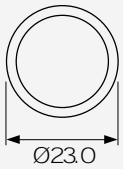
Full product details on pages 16-17

Snap fixing in panels thickness up to 3.0

Cut-out



Flange



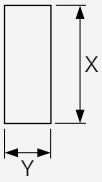
TERM: C 6.3 / H 4.8 / K 2.8 / T U

C0430 A(*) **C6030 AL** NEW

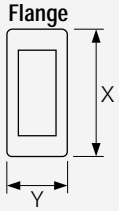
Full product details on pages 18-19 & 20-21

Body *Code	Cut-out Y	Cut-out X	Flange Y	Flange X
A	12.2/12.3	27.2/27.3	14.0	30.2
B	11.0/11.1	30.0/30.1	14.0	33.4
L	11.0/11.1	30.0/30.1	14.0	31.9
R	14.0/14.1	28.5/28.6	17.0	31.5

Cut-out



Flange



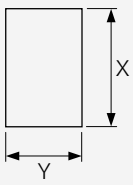
TERM: C 6.3 / H 4.8 / K 2.8 / T U

C0480 A(*)

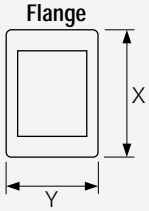
Full product details on pages 26-27

Body *Code	Cut-out Y	Cut-out X	Flange Y	Flange X
A	22.3/22.4	27.2/27.3	25.0	30.2
B	22.1/22.2	30.0/30.1	25.0	33.4
L	22.1/22.2	30.0/30.1	25.0	32.0
R	23.0/25.4	28.4/28.5	28.9	33.2

Cut-out



Flange



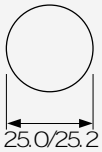
TERM: C 6.3 / H 4.8

C7030 AH

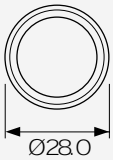
Full product details on pages 38-39

Body Code	Cut-out	Flange
H	Ø25.0/25.2	Ø28.0

Cut-out



Flange



Technical Information - Indicators

The majority of Arcolectric indicator lights can be supplied with alternative light sources:
Neon, Fluorescent, Filament lamp or LED.

NEON and FLUORESCENT LAMPS
Colours
Red, Amber and Clear neon, Green fluorescent.

Maximum striking voltages
Standard brightness types 65Vac 90Vdc,
High brightness types 85Vac 135Vdc.
High brightness types are usually fitted.

Life
Typically 25,000hours (Green fluorescent lamps 20,000hours). (Measured to a point when the light output of the lamp is half its original level.)
The end of life for a neon lamp is not usually a sudden failure.

False signals due to long wiring
It is possible for neon or fluorescent tubes to glow when they should be off. The false signal is caused by the capacitance effect of fairly long wiring to the indicator being adjacent to other live cables.

This effect can be prevented in most cases by fitting a 100K resistor across the supply wires close to the indicator assembly.

MATERIALS

Moulded bodies and bases	Nylon 6.6
Metal bodies and bezels	Chrome plated brass (except #)
Lenses	Polycarbonate
Terminals (most types)	Brass (electro-tin plated)
Terminals (exceptions)	Brass (flash silver* or nickel** plated)
Threaded metal nuts	Brass (nickel plated on C2755/7)
Other fixings	Call factory for details

*R9, 0061, 0062, 0430, 0480, 1090, 1091, 6030, 7030, 8630, 8580
**# 3130, 3160, 3161, 3221 have nickel plated terminals with steel screws and plated polyamide bezel trims

TEMPERATURE RATING

Authority	with Terminals	with Wire leads	
		PVC	SILICONE
European	T125°C	T105°C	T125°C
UL	T65/75°C	T65/75°C	

SYMBOLS

Terminals C63, H48, K28 — Wire leads 200mm long Standard — Solid wires LED only — Panel hole size — Panel thickness — Temperature rating

FILAMENT LAMPS
Colours
Red, Amber, Green, (Clear and Blue - check availability)

LEDS
Colours
Red, Yellow and Green.

Voltage
Basic voltage 2.0/2.2V. Some items are available with integral resistors for 12V use. For details of resistors required for higher voltages, please call the factory.

Current
Maximum continuous forward current 35mA.

Life
>100,000hrs

Polarity
LED flat side is - negative, round side + positive.