

Pilot Devices, Compact Range

– The competitive choice

New



ABB

Pilot Devices, Compact Range

The Compact Range is a new competitive choice for OEM customers and Panel Builders with high requirements of cost efficient, easy to use and reliable products.

Features

- Reliable performance
- Less stock-keeping
- "All-in-one function"
One Order Code = one complete function
- Robust design
- Easy mounting

ABB Family

The compact range can easily be combined with our modular Pilot Devices as they have the same front design.

Technical advantages

- One or two built-in electrically separated contacts (1NO, 1NC, 2NO, 2NC or 1NO + 1NC)
- Contacts with wiping action
- Low built-in depth

Worldwide availability

ABB is represented in over 130 countries.

Our pilot devices meet all major international and national standards.

Technical data

Degree of protection

Operators	IP 66
Terminals	IP 20

Temperature

Ambient temperature during operation	-25 to +70 °C
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Terminals

Plus-minus Pozidrive Size 2	
Connectable area	min. 1 x 0.5 mm ² max. 2 x 1.5 mm ² / 2 x AWG14

Ratings as per UL/CSA

Pilot Lights	240 V max, 3 W max
Pushbuttons/ Selector switches	C300 Pilot Duty R300 Pilot Duty
Environmental	1, 3R, 4, 4X, 12, 13





Ratings as per IEC 947-5-1








Rated insulation voltage, U_i	300 V
Rated thermal current, I_{th}	5 A
Rated operational current, I_e , utilisation category AC 15, at:	
	120 V 1.5 A
	240 V 1 A
Rated operational current, I_e , utilisation category DC 13, at:	
	24 V 0.3 A
	125 V 0.2 A

Pushbuttons



Contacts included		Momentary Flush button	Maintained Flush button	Momentary Extended button	Maintained Extended button
 		Type	Type	Type	Type
		CP1-	CP2-	CP3-	CP4-
1	-	10■-10	10■-10	10■-10	10■-10
2	-	10■-20	10■-20	10■-20	10■-20
-	1	10■-01	10■-01	10■-01	10■-01
-	2	10■-02	10■-02	10■-02	10■-02
1	1	10■-11	10■-11	10■-11	10■-11

When ordering complete **Type** with following code letters

Color		Code letter
		■
Red		R
Green		G
Yellow		Y
Blue		L
White		W
Black		B
Grey		U

Pilot light









Ba9s base

Direct supply
max 240 V, 3 W

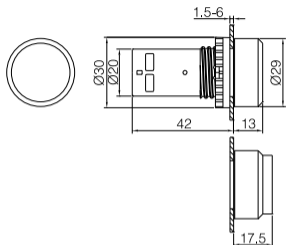
Color

Type

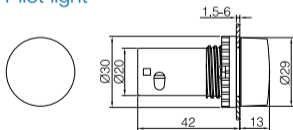
Red		CL-100R
Green		CL-100G
Yellow		CL-100Y
Blue		CL-100L
White		CL-100W
Clear		CL-100C

Dimensions

Pushbutton






Pilot light



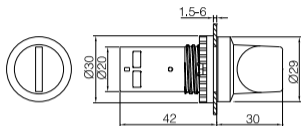
Selector switches, Two positions



Contacts included		Maintained	Maintained	Momentary
				
		Type	Type	Type
		C2SS1-	C2SS2-	C2SS3-
NO	NC			
1	-	10■-10	10■-10	10■-10
2	-	10■-20	10■-20	10■-20
-	1	10■-01	10■-01	10■-01
-	2	10■-02	10■-02	10■-02
1	1	10■-11	10■-11	10■-11




Dimensions

Selector switches, Two and Three positions



When ordering selector switches complete **Type** with following code letters

Color **Code letter**





		■
Red		R
Black		B
Grey		U

Selector switches, Three positions



*Get in touch with
the Pilot Devices
from ABB*

*Information about
accessories and more
technical data
– see brochure
1SFC 151001B0201*

Contacts included		Maintained	Momentary	Momentary	Momentary
					
		Type	Type	Type	Type
		C3SS1-	C3SS2-	C3SS3-	C3SS7-
2	-	10■-20	10■-20	10■-20	10■-20
-	2	10■-02	10■-02	10■-02	10■-02
1	1	10■-11	10■-11	10■-11	10■-11





Find information about ABB Low Voltage Products on
www.abb.com/lowvoltage