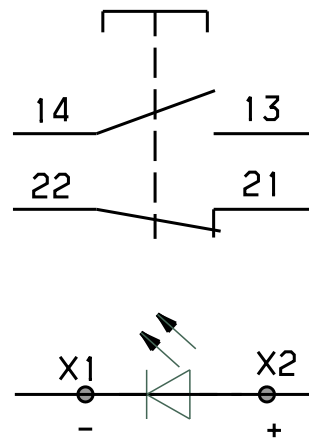
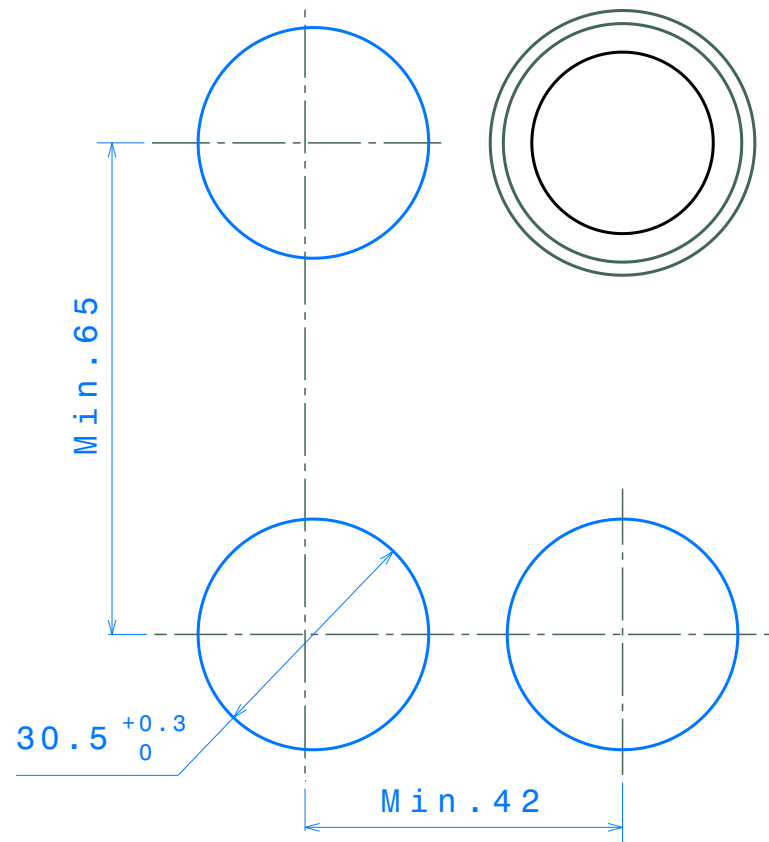
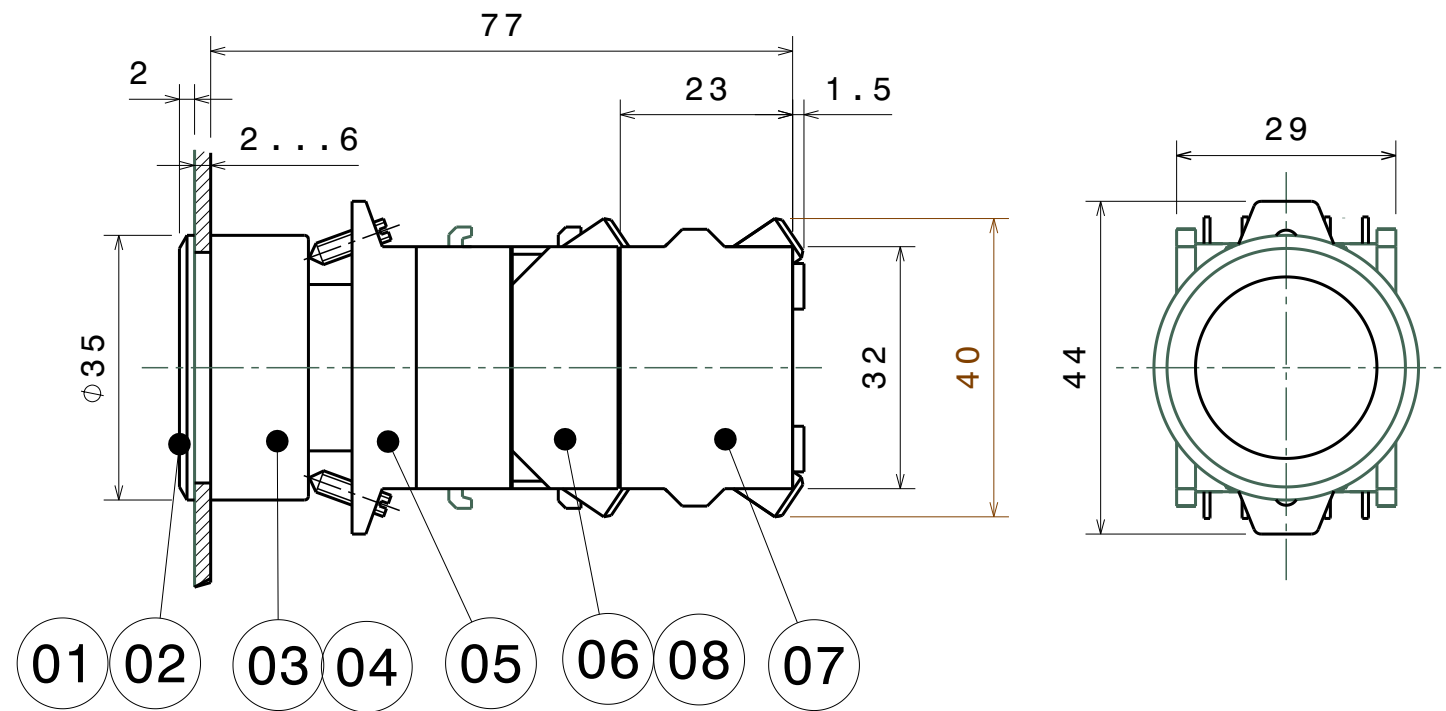






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08	LED ROJO 24V	1	X.68.00266.19	CML 186003A0	0.020	
	LED ROSSO 24V					
07	CONTAC.DORADO FAST.1N0+1NC	1	X.68.00265.22	EAO 704.911.5/D	0.028	
	CONTAT. D'ORO FASTON 1N0+1NC					
06	PORTALAMP. FASTON DOBLE	1	X.68.00262.36	EAO 704.950.1/D	0.012	
	PORTALAM.FASTON DOPPIO					
05	BRIDA METALICA	1	X.68.00262.35	EAO 704.960.5	0.013	
	FLANGIA METALLICA					
04	CUERPO PULS. REDONDO M	1	X.68.00262.34	EAO 704.631.1	0.025	
	CORPO PULSANTE ROUND M					
03	ARO FRONT.RED.ALU.NATURAL	1	X.68.00262.24	EAO 704.955.1	0.029	
	ANELLO FRON.ROUND ALL.NAT.					
02	PLAQUITA REDONDA	1	X.68.00262.22	EAO 704.609.9	0.003	
	PIASTRA ROUND					
01	LENTE REDONDA PLAST. ROJO	1	X.68.00262.04	EAO 704.602.2	0.001	
	LENTE ROUND PLAST.ROSSO					
00	BP LUM RD 1N0+1NC M	1			0.131	
	BP LUM RD 1N0+1NC M					
MARCA	DESCRIPCIÓN	CANT.	CÓDIGO O NORMA	MATERIAL O REFERENCIA	PESO	DIMENSIONES
MARCA	DESCRIZIONE	QUANT.	CÓDICE O NORMA	MATERIALE O REFERENZA	PESO (Kg)	DIMENSIONES (mm)

LOCOMOTIVA E401				ISO 2768-cK DIN ISO 13920-BF		0.131	A3	BEASAIN	OT	Y
A	AÑADIR DATASHEETS	2016-06-22	12199							
B	CAMBIAR CAJETIN	2016-07-26	96015							
C	AÑADIR DATASHEETS	2016-09-27	96015							
Ed.	Descrizione	Date	Nome							
1:1	Disegnato	30/06/2015	10221	BP LUM RD 1N0+1NC M						
 	Comprovato	30/06/2015	12199							
	Verificato	30/06/2015	14422							
		Date	Nome	BP LUM RD 1N0+1NC M						
		es/it								
CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A. BEASAIN (GIPUZKOA)				B . 20 . 71 . 112				C	1/17	

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704.631.1 - Illuminated pushbutton actuator round

704.631.1 - Illuminated pushbutton actuator round



Attention: The preview is based on a sample product. This can differ from your current configuration.

necessary components



704.950.1/D
Lamp block



704.960.5
Bayonet flange



704.609.9
Marking plate for lens round flat



704.602.2
Lens plastic round flat

EAO – Your Expert Partner for **Human Machine Interfaces**

704.631.1 - Illuminated pushbutton actuator round

EAO – Your Expert Partner for **Human Machine Interfaces**

704.631.1 - Illuminated pushbutton actuator round

necessary components



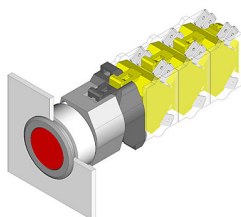
704.955.1

Front bezel set for indicator and
pushbutton, flush design

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704.631.1 - Illuminated pushbutton actuator round

704.631.1 - Illuminated pushbutton actuator round



Attention: The preview is based on a sample product. This can differ from your current configuration.

Other Attributes

Weight 0.009 kg

IP-Rating

Front protection IP 65

Actuator

Housing material Plastic
Housing colour grey
Switching action Momentary

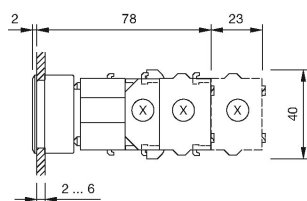
Function

Illuminated pushbutton

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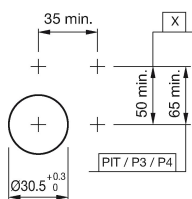
704.631.1 - Illuminated pushbutton actuator round

Dimensions



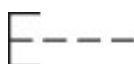
X = Screw terminal

Mounting cut-outs



PIT = Push-in terminal

Wiring diagram



Additional information

Max. 3 switching elements can be clipped on

Legend

Switching action: B = Momentary

EAO – Your Expert Partner for Human Machine Interfaces

704.631.1 - Illuminated pushbutton actuator round

704.950.1/D - Lamp block



Attention: The preview is based on a sample product. This can differ from your current configuration.

Other Attributes

Weight

0.013 kg

Connection Method

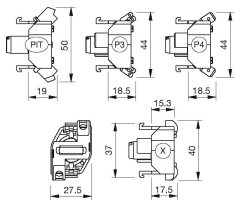
Terminal

Double plug 6.3 x 0.8 mm

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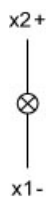
704.631.1 - Illuminated pushbutton actuator round

Dimensions



X = Screw terminal

Wiring diagram



Additional information

Terminals nickel plated and blank Cu/Sn

Legend

Switching action: B = Momentary

EAO – Your Expert Partner for Human Machine Interfaces

704.631.1 - Illuminated pushbutton actuator round

704.960.5 - Bayonet flange



Attention: The preview is based on a sample product. This can differ from your current configuration.

Other Attributes

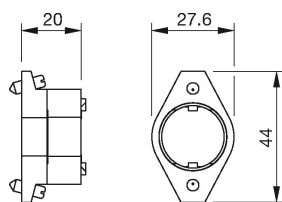
Material
Weight

Metal
0.025 kg

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704.631.1 - Illuminated pushbutton actuator round

Dimensions



X = Screw terminal

Legend

Switching action: B = Momentary

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704.631.1 - Illuminated pushbutton actuator round

704.609.9 - Marking plate for lens round flat



Attention: The preview is based on a sample product. This can differ from your current configuration.

Other Attributes

Weight	0.001 kg
Marking plate material	Plastic
Marking plate colour	white
Marking plate optics	translucent
Marking plate illumination height	LED and filament lamp round, flush

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704.631.1 - Illuminated pushbutton actuator round

704.602.2 - Lens plastic round flat



Attention: The preview is based on a sample product. This can differ from your current configuration.

Other Attributes

Weight	0.001 kg
Dimension	Ø 23.7 mm
height	round, flush

Operating-/Indication part

Lens optics	transparent
Lens colour	red
Lens material	Plastic
Lens profile	flat
Lens illumination	illuminative

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704.631.1 - Illuminated pushbutton actuator round

704.955.1 - Front bezel set for indicator and pushbutton, flush design



Attention: The preview is based on a sample product. This can differ from your current configuration.

Mounting

Mounting cut-out
Design

Ø 30.5 mm
flush

Front

Front shape
Front dimension
Front ring material
Front ring colour

round
Ø 35 mm
Aluminium
natural anodized

Other Attributes

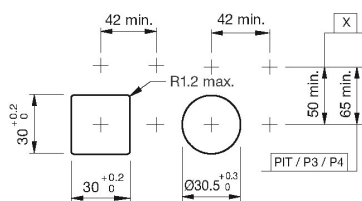
Weight

0.015 kg

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704.631.1 - Illuminated pushbutton actuator round

Mounting cut-outs



PIT = Push-in terminal

Additional information

The colour of anodized aluminium parts can vary due to technical production reasons

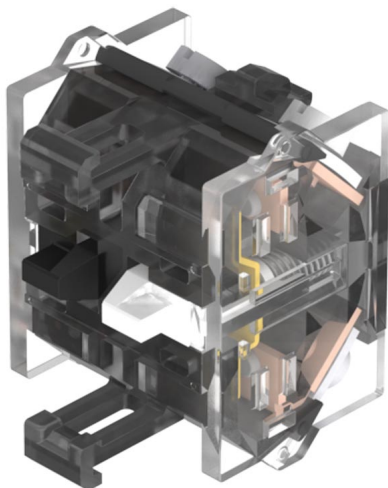
Legend

Switching action: B = Momentary

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704.911.5/D - Switching element

704.911.5/D - Switching element



Attention: The preview is based on a sample product. This can differ from your current configuration.

Other Attributes

Weight 0.028 kg

Connection Method

Terminal Double plug 6.3 x 0.8 mm

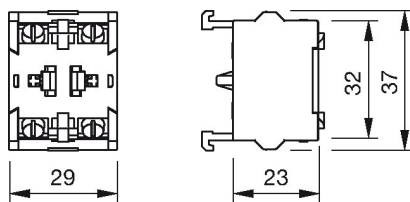
Switching element

Switching voltage	500 V AC
Switching current	10 A
Switching system	Slow-make switching element
Contacts	1 NC + 1 NO
Contact material	Gold

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704.911.5 - Switching element

Dimensions

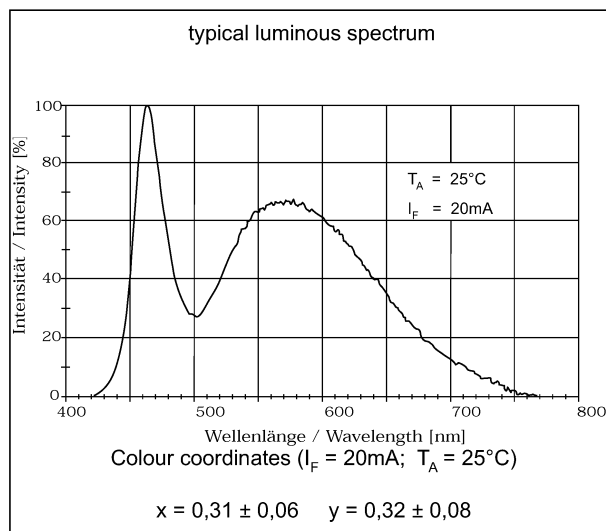
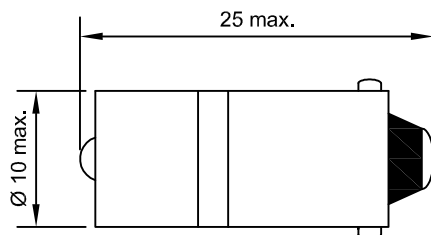


Wiring diagram



Additional information

For the third switching element the terminal marking insert is to be ordered separately



Lampensockel nach DIN EN 60061-1: BA9s / Lamp base in accordance with DIN EN 60061-1: BA9s
All dimensions are in millimeters / Tolerance is $\pm 0,5$ unless otherwise noted

Elektrische und optische Daten sind bei einer Umgebungstemperatur von 25°C gemessen.
Electrical and optical data are measured at an ambient temperature of 25°C .



Bestell-Nr. Part No.	Farbe Colour	Spannung Voltage	typ. Strom typ. Current	typ. Lichtstärke typ. Lumi. Intensity	Dom. Wellenlänge Dom. Wavelength
186003A0	Red	24-30V DC	13-19mA	300-440mcd	630nm
186003A1	Green	24-30V DC	12-18mA	1800-2700mcd	525nm
186003A2	Yellow	24-30V DC	13-19mA	270-380mcd	587nm
186003A7	Blue	24-30V DC	12-18mA	560-800mcd	470nm
186003AW3	White Clear	24-30V DC	7-11mA	1200-1800mcd	$x = 0,31 / y = 0,32$
186003AW3D	White Diffuse	24-30V DC	7-11mA	600-900mcd	$x = 0,31 / y = 0,32$

Lichtstärkedaten der verwendeten Leuchtdioden bei DC / Luminous intensity data of the used LEDs at DC

Lagertemperatur / Storage temperature $-30^\circ\text{C} - +80^\circ\text{C}$
Umgebungstemperatur / Ambient temperature $-30^\circ\text{C} - +70^\circ\text{C}$
Spannungstoleranz / Voltage tolerance $\pm 10\%$

Allgemeiner Hinweis: Bedingt durch die Fertigungstoleranzen der Leuchtdioden kann es zu geringfügigen Schwankungen der Farbe (Farbtemperatur) kommen. Es kann deshalb nicht ausgeschlossen werden, daß die Farben der Leuchtdioden eines Fertigungsloses unterschiedlich wahrgenommen werden.

General: Due to production tolerances, colour temperature variations may be detected within individual consignments.

Subject to change without prior notice



CML Technologies GmbH & Co. KG
D-67098 Bad Dürkheim
(formerly EBT Optronic)

StarLEDs
T3 ¼ (10x25mm) BA9s for Siemens SPS

WHERE INNOVATION COMES TO LIGHT						
b	Changed Currents	03.04.2012	D.L.	Drawn: D.L.	Ch'd: H.K.	Date: 10.02.06
a	Changed Temperature	27.02.2006	J.J.			
	Revision:	Date:	Name:	Scale: 2 : 1	Datasheet: 186003Axxx	