

Technical specification

Material:	Aluminium
Colour:	outside RAL 7000, grey inside RAL 2004, pure orange, anti-condensate coating
IP protection:	max. IP 66*
Type of protection:	II 2G Ex d IIB+H2 T6-T3 Gb II 2G Ex d [ia] IIB+H2 T6 Gb II 2D Ex tb IIIC T85°C– T200°C IP 65/66
EC-type examination certificate:	INERIS 14 ATEX 0008X
IECEX certificate:	IECEX INE 13.0065X
Max. application temperature:	-50°C to +60°C*

*Depending on size and design

Description

Ex d terminal and control housings are used for the **accommodation of switching, open-loop, and closed-loop control elements** in machines or as peripheral control points in a system.

The terminal and control housings of type CCA are certified according to Directive **94/9/EC** for **Zone 1 (IIB)** and for **Zone 21**. They are **individually equipped with customized elements, wired** according to a circuit diagram and equipped with the appropriate **cable glands**.

In cooperation with our **partners** we guarantee **short delivery periods and fair pricing for the Ex d control units**.

Control and signal elements for Ex d control cabinets

Type of protection:	II 2G Ex d IIC oder IIB + H2 GB II 2D Ex tb IIIC Db
EC-type examination certificate:	INERIS 14 ATEX 9009U / IECEX INE 14.0023U



Selector switch with turning knob (also suitable for potentiometers)

Switching positions 0-1, 1-0-2, locked and non-locked
For switches from 10 to 63A



Pushbutton

With normally-closed and normally-open switching contacts
Switching cap.: AC15 24V/10A; 130V/6.5A; 230V/4A; 400V/2.5A
DC13 24V/1.5A; 110V/0.5A



Emergency-stop push button

With normally-closed and normally-open switching contacts
Switching cap.: AC15 24V/10A; 130V/6.5A; 230V/4A; 400V/2.5A
DC13 24V/1.5A; 110V/0.5A



Lockable emergency-stop push button

With normally-closed and normally-open switching contacts
Switching cap.: AC15 24V/10A; 130V/6.5A; 230V/4A; 400V/2.5A
DC13 24V/1.5A; 110V/0.5A



Key switch

With normally-closed and normally-open switching contacts
Switching cap.: AC15 24V/10A; 130V/6.5A; 230V/4A; 400V/2.5A
DC13 24V/1.5A; 110V/0.5A



Indication light

Available in colours white, green, red, yellow and blue
For voltage rating: 12-24VDC, 240VAC and 440VAC



Pushbutton element

For actuation of actuators inside the Ex d housing

Other actuation elements and windows on request.