

General description

CT454020 is an adaptor for mechanical controls to KNX. This device has 4 digital low voltage inputs (SELV) referred to an internal reference to connect conventional pushbuttons or switches.

This input device is designed to be installed in mechanism boxes, behind the mechanisms, being especially useful to distribute the installation and to execute different events through the KNX bus.

Features

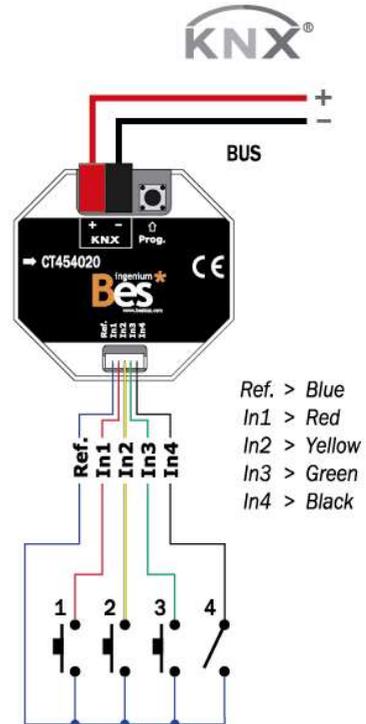
- 4 digital inputs being possible to program KNX bus events for activation or deactivation of each.
- Programmable inputs to work with switches or push-buttons.
- Each input can work independently or simultaneously in different modes: binary inputs, shutter/blinds or dimmer inputs.

Technical information

Supply	29V _{DC} from KNX BUS
Consumption	10 mA from KNX BUS Equivalent to 2 BUS devices*
Mounting	Built-in on universal distribution box.
Size	45x45x10mm
Connections	KNX connecting terminal bus. Micro-quick connector inputs.
Inputs	4 low voltage inputs (SELV) referred to an internal reference (minimum activation current 15mA)
Max cabled distance	30 meters
Environment temperatura range	Operation: from -10°C to 55°C / Storage: from -30°C to 60°C / Transportation: from -30°C to 60°C

*1 BUS device = 5mA

Installation



Observations

Install low voltage lines (KNX bus and inputs) in a ducting separated from the power (230V) and outputs lines ducting to ensure there is enough insulation and avoid interferences.

Do not connect the main voltages (230V) or any other external voltages to any point of the KNX bus or inputs.

QR Code

