

# Standalone Anticollision kit

K001450

Standalone Safety Risk Mitigation system



## Functions

The system, installed on vehicles such as self-propelled industrial trucks or electric traction industrial vehicles, with endothermic or hybrid engines compliant with the 2006/42 / EC machinery directive, is able to perform the following functions:

- Distance measurement with other anticollision / pedestrian tags
- Activation of up to 3 contact outputs when the pre-alarm / alarm threshold is exceeded
- Driver exclusion (compatible with pedestrian tag)

## Directives and reference

Electromagnetic Compatibility Directive 2014/30/EU

Directive RED 2014/53/EU

Electromagnetic compatibility

UNI EN 12895:2019 Industrial trucks

and related standards / ETSI standards

**Kit general information**

Products		Accessories		Weight
Code	Description	Code	Description	
X001330	Anticollision	C002080	Control unit - Anticollision wiring	520 g 18,3 oz
X400512	Control unit	C100301	Control unit - Button box wiring	
X000650	Button box			

**Technical data - Anticollision - X001330**
**Mechanical specifications**

Sizes	100 x 62 x 26 mm 3,9 x 2,4 x 1 in	Material	ABS
Weight	125 g 4,4 oz		

**Electrical specifications**

	min	typ.	max		typ.	max
Power supply (Vdc)	4,7	5-24	28			
Consumption X001330 (W)		typ. 1	max 1,75	Consumption X001331 (W)	typ. 1	max 2,5

**UWB Module**

Transceiver Channel 5 (6.5 GHz) / 6.8 Mbps data rate

**Interfaces**

CAN BUS

USB (Device)

**Technical data - Control unit - X400512**
**Mechanical specifications**

Sizes	85/110 x 56 x 21 mm 3,3/4,3 x 2,2 x 0,8 in	Material	ABS
Weight	210 g 7,4 oz		

**Electrical specifications**

	min	typ.	max		typ.	max
Power supply (Vdc)	10	24	160	Consumption (W)	3	12

**Input/Output**

2 x Positive Inputs (Activation threshold > 1,7 V, Max 150 V)  
     1 x Positive Input (Range 0 - 5 V)  
     1 x Positive Input (Range 0 - 10 V)  
 2 x Negative Inputs (Activation threshold < 0,5 V, Max 150 V)  
     3 x Relè NO (Max 10 W)

**Memory/Processor**

Flash	256 KB	RAM	64 KB
Eeprom	128 KB	Processor frequency	from 0,032 to 120 MHz

**Technical data - Button box - X000650**
**Mechanical specifications**

Dimensions	60 x 35 x 20 mm 2,4 x 1,4 x 0,8 in	Material	ABS
Weight	25 g 0,9 oz		

**Electrical specifications**

Power supply (Vdc)	from 4,75 to 5 V
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