

CTC1501 EN50131-2-6 grade 3 class IV

High security magnetic contact for surface indoor-outdoor mounting (triple biased contact)

CTC1503 EN50131-2-6 grade 3 class IV

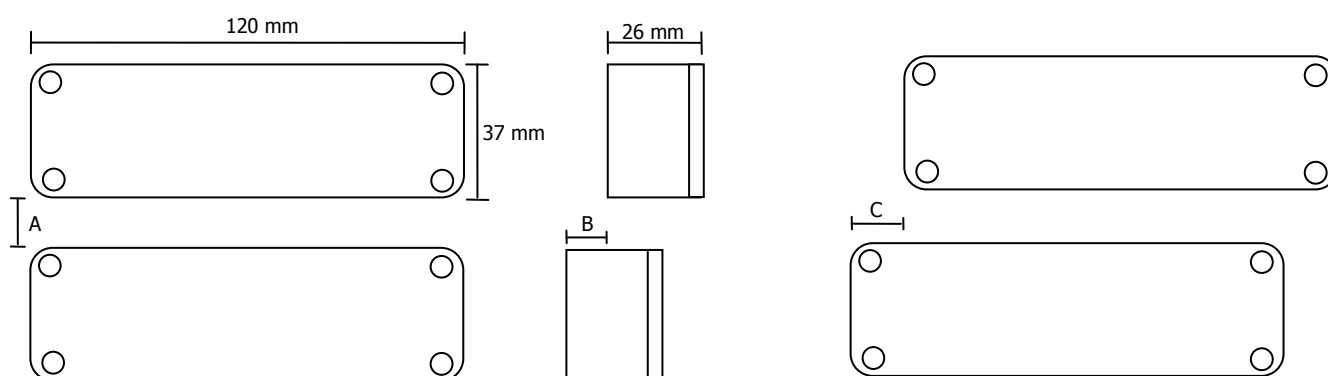
High security magnetic contact for surface indoor-outdoor mounting (double biased contact)

CTC1502 EN50131-2-6 grade 3 class IV

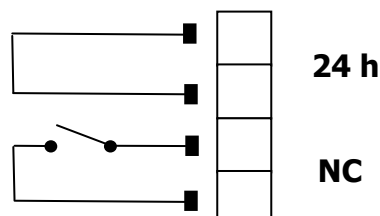
High security magnetic contact for surface indoor-outdoor mounting (high double biased contact)

CTC1505 EN50131-2-6 grade 2 class IV

Large gap magnetic contact for indoor-outdoor installation



Tamper loop



Contact loop (closed when magnets next)

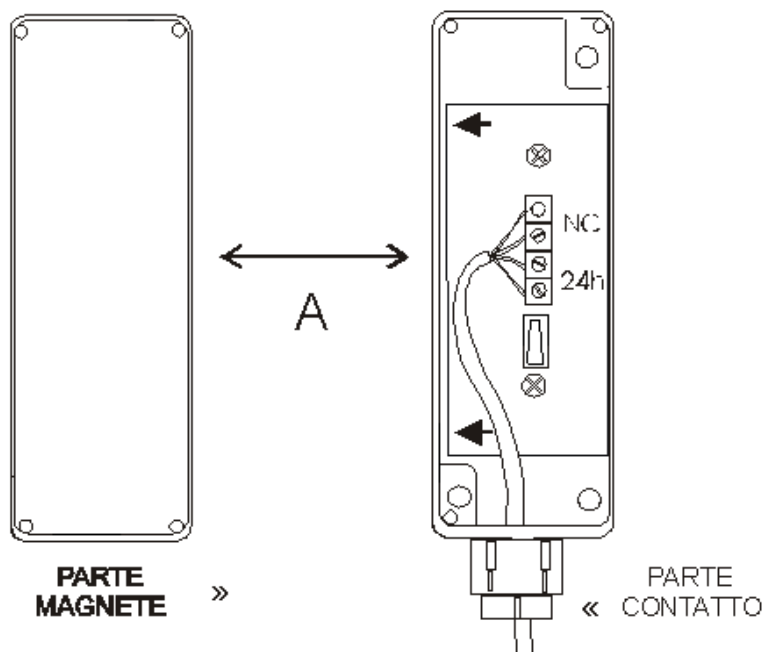
Grid 1	Optimal gap A		min/max gap A	
Item	Non-ferromagnetic	ferromagnetic	Non-ferromagnetic	Ferromagnetic
CTC1501	Da 8 a 12 mm	Da 4 a 8 mm	Da 3 a 17 mm	Da 1 a 11 mm
CTC1503	Da 15 a 18 mm	Da 5 a 10 mm	Da 5 a 25 mm	Da 2 a 15 mm
CTC1502	Da 2 a 20 mm	Da 1 a 12 mm	Da 1 a 30 mm	Da 1 a 20 mm
CTC1505	Up to 50 - 60 mm	Up to 20 - 30 mm	Up to 50 - 70 mm	Up to 20-40 mm

Measures B and C cannot exceed 6 mm.

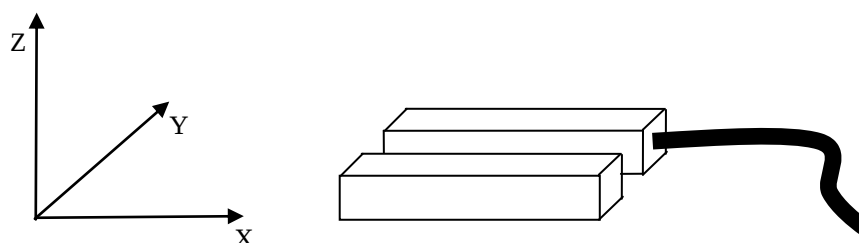
The grid above indicate optimal distances between magnet and contact. Wider or narrower installation distances can result in false alarms.

INSTALLATION

Fix the housings facing the two long sides face to face keeping the distance between the parts according to grid 1. Insert the contact part pcb and connect to control panel. Align magnet and contact arrow for correct installation. Pay attention to the tamper microswitch, remove all screw before opening the cover.



MAINS AXIS OPERATING GAP (mm)



MATERIAL		NON FERROMAGNETIC				FERROMAGNETIC			
ITEM		CTC1501	CTC1503	CTC1502	CTC1505	CTC1501	CTC1503	CTC1502	CTC1505
Y	CLOSED	20+/-3	25+/-3	30+/-3	70+/-5	14+/-3	15+/-3	20+/-3	35+/-5
	OPEN	24+/-3	30+/-3	34+/-3	75+/-5	18+/-3	18+/-3	22+/-3	38+/-5
X	CLOSED	+/-12+/-2 @y=10	+/-15+/-3 @y=15	+/-20+/-3 @y=11	+/-25+/-5 @y=10	+/-10+/-2 @y=6	+/-12+/-2 @y=6	+/-18+/-3 @y=6	+/-15+/-5 @y=10
	OPEN	+/-14+/-2 @y=10	+/-17+/-3 @y=15	+/-23+/-3 @y=11	+/-30+/-5 @y=10	+/-12+/-2 @y=6	+/-14+/-2 @y=6	+/-20+/-3 @y=6	+/-18+/-5 @y=10
Z	CLOSED	+/-20+/-3 @y=10	+/-20+/-3 @y=15	+/-22+/-3 @y=11	+/-50+/-5 @y=10	+/-14+/-3 @y=6	+/-20+/-3 @y=5	+/-22+/-3 @y=6	+/-25+/-5 @y=10
	OPEN	+/-24+/-3 @y=10	+/-23+/-3 @y=15	+/-25+/-3 @y=11	+/-60+/-5 @y=10	+/-18+/-3 @y=6	+/-23+/-3 @y=5	+/-25+/-3 @y=6	+/-30+/-5 @y=10

CHARACTERISTICS (passive component)

NC max value applicable:	0,125 mA / 30 Vcc / 3 W
TAMPER max value applicable:	1 A / 60 Vdc, 42,2Vpeak
Input hole:	PG9
Material:	Die cast aluminium white
IP rating:	IP65, INOX screws
Temperature:	-25/+60°C
Standard:	EN50131-2-6