

## General Description.

The Micro WSA barrier is managed by a microprocessor which controls all major functions and manages the OPTICAL SYNCHRONIZATION. The software allows the barrier to operate in 3 different ways, which basically summarize the various installation requirements. Direct or crossed rays, AND Function with 2 ADJACENT beams to get an ALARM. By the use of a screwdriver, you make a SHORT circuit between 2 points on the RECEIVER Barrier and you get in quickly and easily, the desired MODE of operation. Barriers are factory pre-programmed as follows:

from 2 to 4 Rays → **Mode 1** (1 Beam for ALARM)  
from 5 to 10 Rays → **Mode 2** (2 Beams for ALARM)

Order Code	Description	(Nr. of Beams – Height barriers)
WSA Micro 05 (*)	2 or (4) direct Rays barrier (crossed)	H= 0,5 Metres
WSA Micro 10 (*)	4 or (10) direct Rays barrier (crossed)	H= 1,0 Metres
WSA Micro 13 (*)	5 or (13) direct Rays barrier (crossed)	H= 1,3 Metri
WSA Micro 15 (*)	6 or (16) direct Rays barrier (crossed)	H= 1,5 Metri
WSA Micro 20 (*)	8 or (22) direct Rays barrier (crossed)	H= 2,0 Metri
WSA Micro 25 (*)	10 or (28) direct Rays barrier (crossed)	H= 2,5 Metri

(\*) N or Nothing = **BLACK** Profile and **BLACK** cap

(\*) B = **WHITE** Profile and **WHITE** cap



## USER GUIDE

### WSA Micro 05 ... 25 B / N

- Anti-Switching FILTER on board
- Intelligent OPTICAL Synchronization
- Double optics for each beam

Micro – Barrier with 2 ... 10 BEAMS with internal electronics

#### APPLICATIONS

Anti-intrusion for Doors and Windows

Access CONTROL



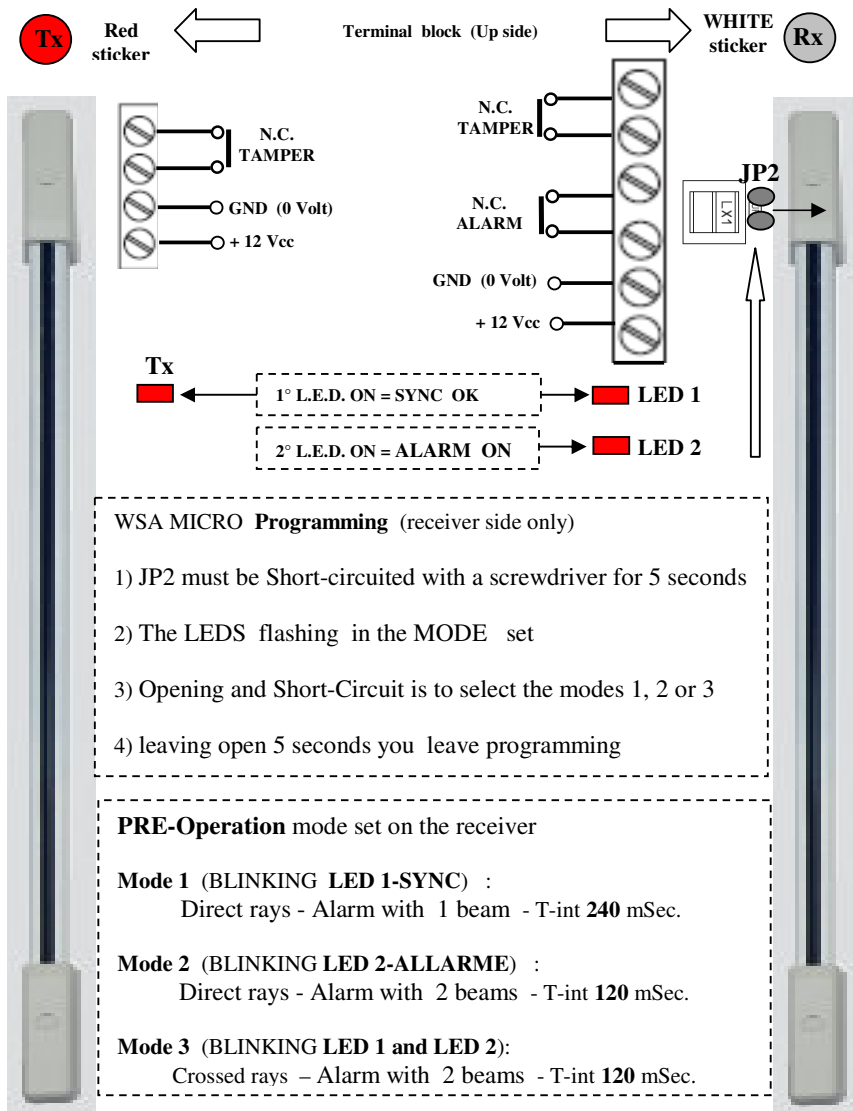
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## Wirings – Adjustment for WSA Micro



## Technical Features WSA - Micro

<b>OPTICAL range</b>	: 0,5 ÷ 5 Metres
<b>Nr. of Rays for ALARM</b>	: 1 or 2 Adjacent
<b>Nr. of Rays Direct / Crossed</b>	: 2 ... 10 / (4 ..28)
<b>Min. distance for cross rays</b>	: ≥ 2 Metres
<b>Trigger Time</b>	: 120 or 240 mSec.
<b>Turn OFF Time</b>	: 1 Second
<b>Voltage suppli - current</b>	: 12 Volt (10÷16) Vcc - 30 mA (6 Beams)
<b>Outputs BARRIER</b>	: N.C. ALLARME (Rx only) and N.C. TAMPER PROOF
<b>Contact load</b>	: 24 Vcc - 0.5 A
<b>Operatine temperature</b>	: (-15/+60) °C
<b>IP grade</b>	: IP 44
<b>Alluminium Dimensions</b>	: 17.5 x 14 mm (Width x Height)
<b>Caps Dimensions</b>	: 100 x 24 x 20 mm. (L x W x H)

Alluminium section

