

# ST.S/IDI

Scheda seriale RS485 per SMART3 / RS485 Serial Board for SMART3

Manuale / Manual





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### IT

Questo manuale deve essere letto attentamente da tutti coloro che hanno o avranno la responsabilità di installare, utilizzare o di prestare un servizio di assistenza su questo prodotto. Come ogni componente di un sistema, questo prodotto funzionerà correttamente solo se installato, utilizzato e controllato come prescritto dal fabbricante. In caso contrario, potrebbe non funzionare correttamente e le persone che affidano la loro sicurezza a questo prodotto potrebbero subire danni personali o letali. La garanzia riconosciuta da Sensitron s.r.l. su questo prodotto potrebbe essere nulla se il prodotto non venisse installato, utilizzato e controllato secondo le istruzioni fornite con il presente manuale. Per favore, proteggetevi seguendole attentamente. Invitiamo i nostri clienti a scriverci o a chiamarci per ogni informazione riguardo questo strumento, il suo uso o una sua eventuale riparazione.

### EN

This manual must be carefully read by all persons who have or will have the responsibility for installing, using or servicing this product. Like any equipment, this product will perform as designed only if installed, used and serviced in accordance with the manufacturer's instructions. Otherwise, it could fail to perform as designed and persons who rely on this product for their safety could suffer severe personal injury or death. The warranties made by sensitron s.r.l. with respect to this product are voided if the product is not installed, used and serviced in accordance with the instructions in this user guide. please protect yourself and others by following them. We recommend our customers to write or call us regarding this equipment prior to use or for any additional information relative to use or repair.



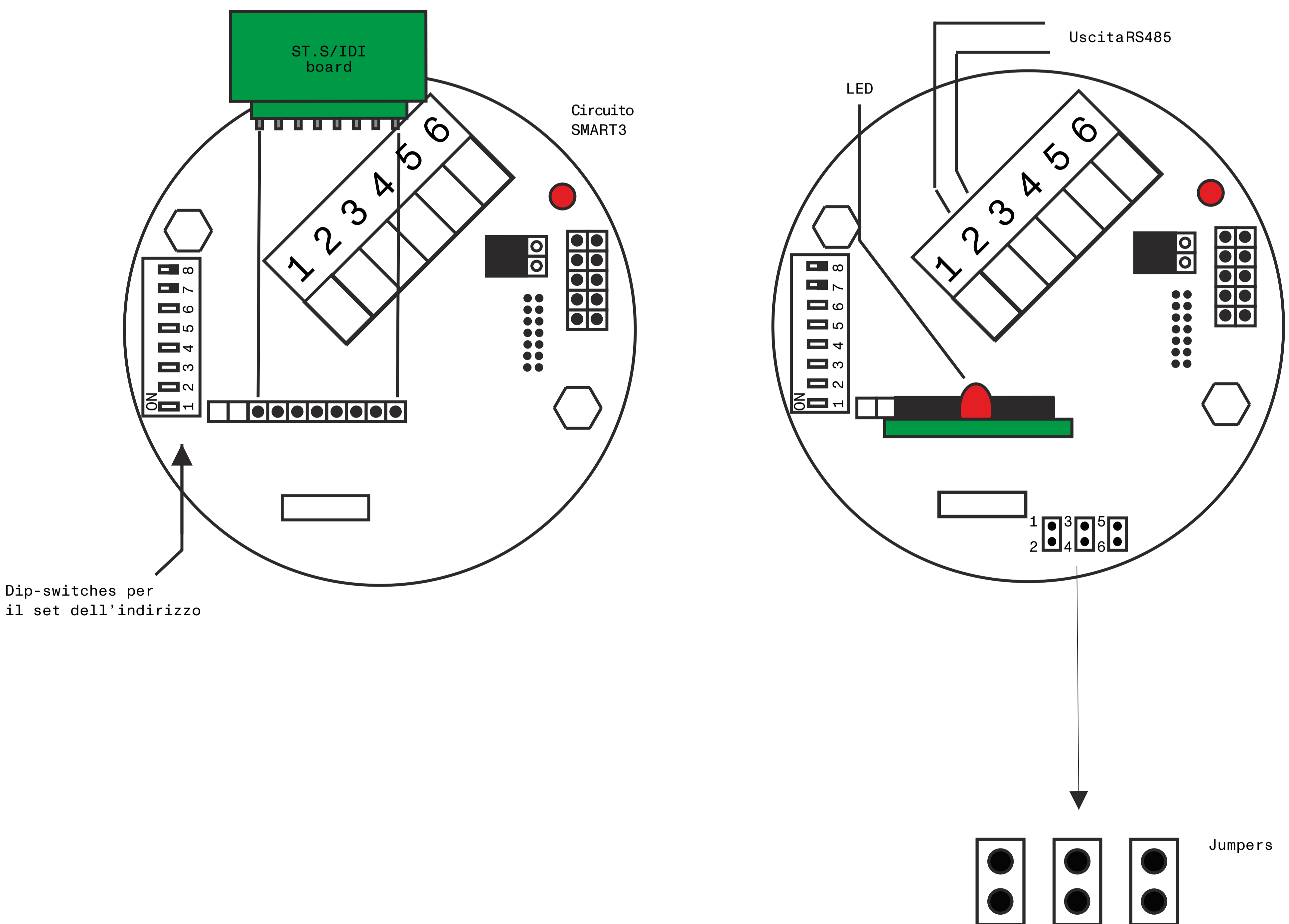
# 1. Introduzione

Queste istruzioni riguardano il montaggio e la configurazione della scheda seriale ST.S/IDI per il collegamento tramite RS485 dei rilevatori 'SMART3 (NC, CC, CD, IR; GD) tali istruzioni devono essere osservate in aggiunta alle avvertenze riportate nel manuale d'uso.

# 2. Montaggio

Il montaggio della ST.S/IDI deve essere effettuato con il rilevatore spento. Inserire la scheda ad innesto verticale nel connettore lasciando liberi i 2 morsetti più a sinistra del connettore a 10 poli; assicurarsi che la scheda si sia innestata fino a fondo corsa. Il led rosso presente sulla scheda seriale deve essere rivolto verso la morsettiera generale come indicato nella sottostante figura.

Figura 1

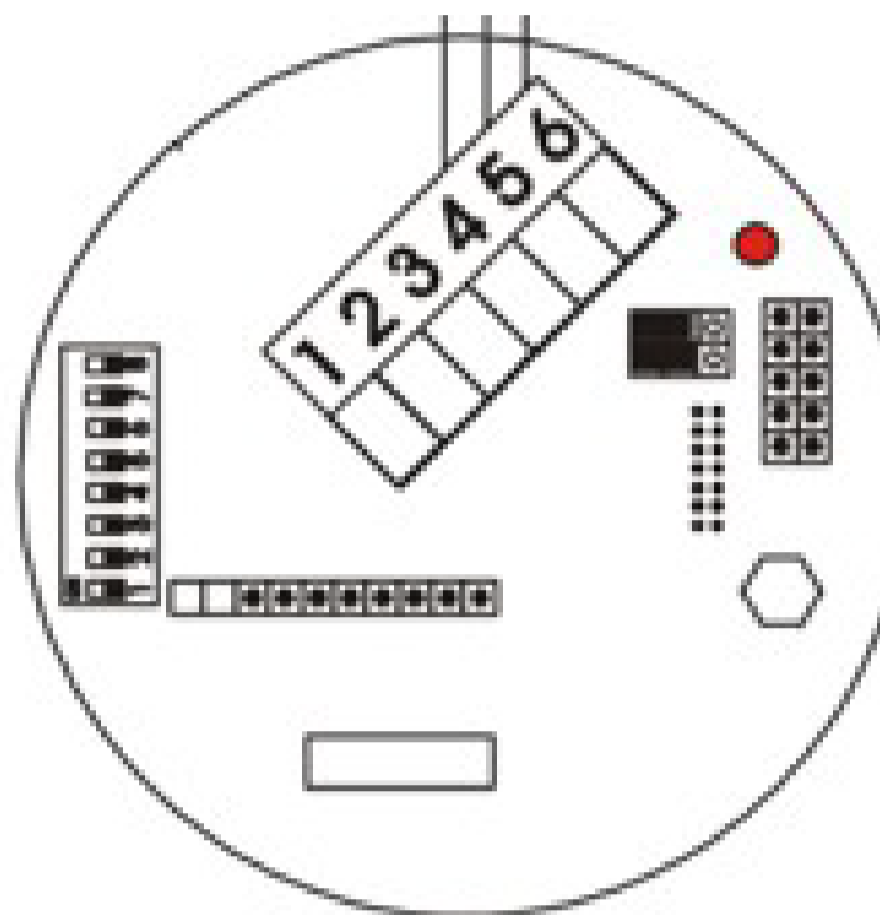
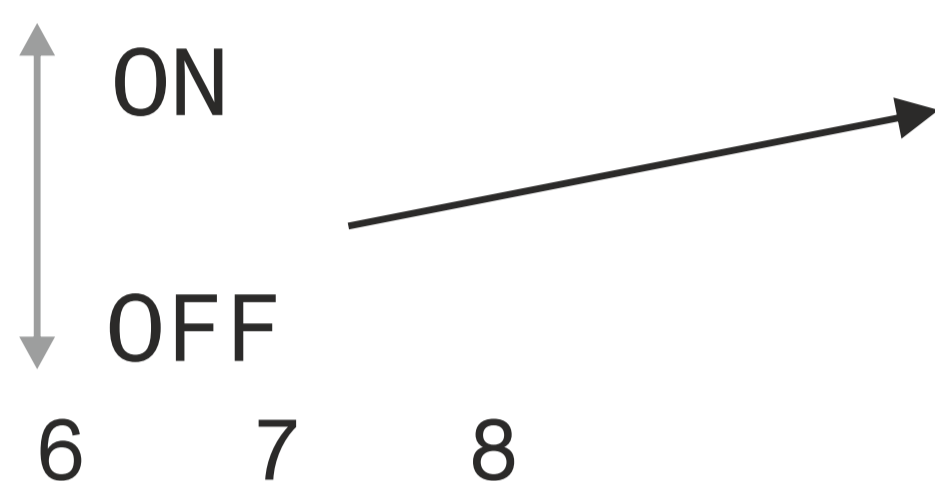
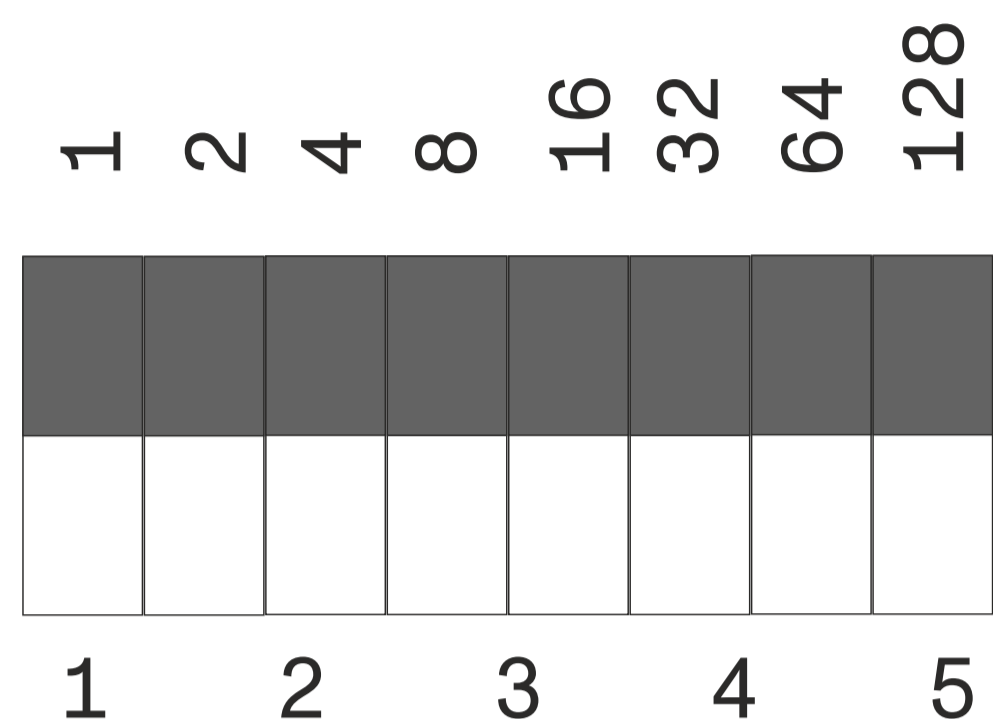


- Jp 1-2 Non usato
- Jp 3-4 Aperto Protocollo di comunicazione Modbus Standard
- Jp 3-4 Chiuso Protocollo proprietario per centrali Multiscan IDI con versione di Eprom antecedente alla 3.00
- Jp 5-6 Aperto abilita le schede ausiliarie ed i LED del display
- Jp 5-6 Chiuso disabilita le schede ausiliarie ed i LED del display

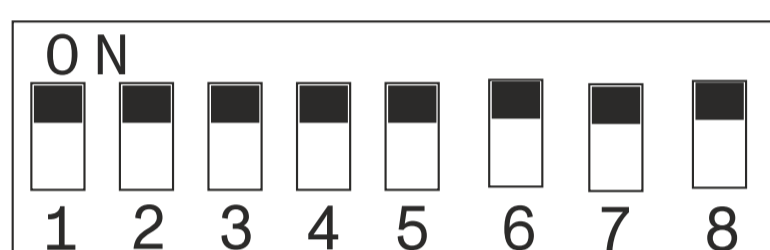


### 3. Configurazione indirizzi

Configurare i Dip-switch in base al numero di indirizzo seriale che si deve dare al rilevatore. Ad ogni selettore (Dip-switch) è associato un valore da 1 a 128. La somma di tutti gli switch in posizione OFF darà l'indirizzo finale.



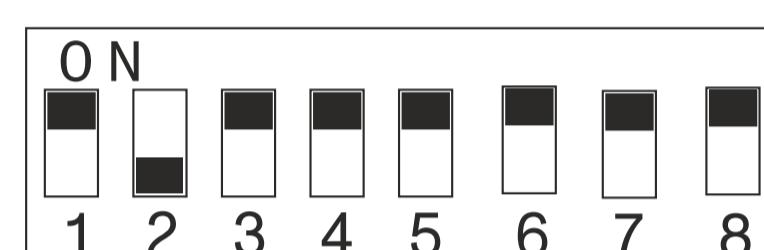
Esempi



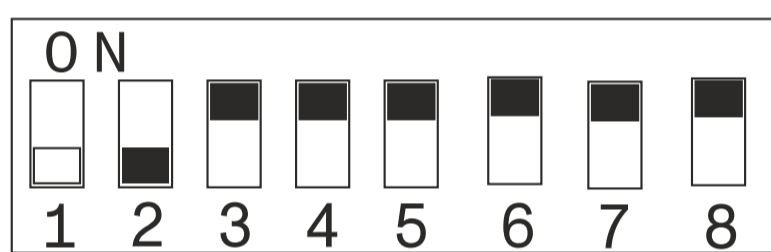
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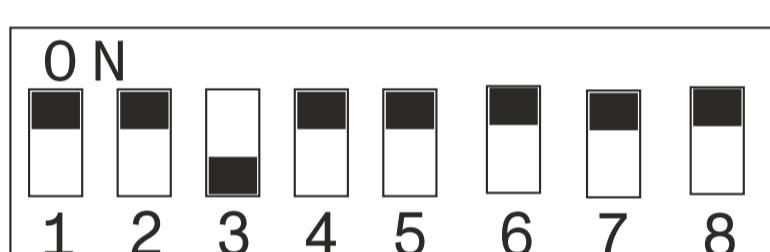
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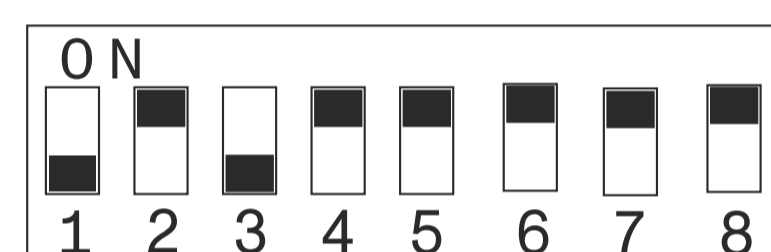
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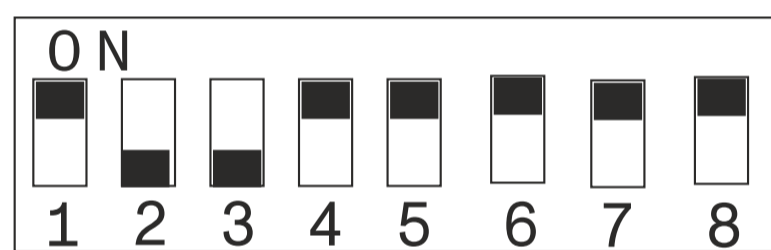
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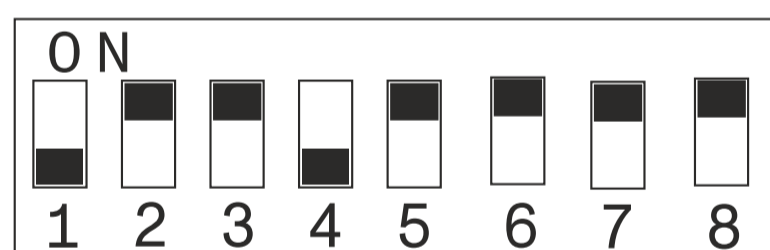
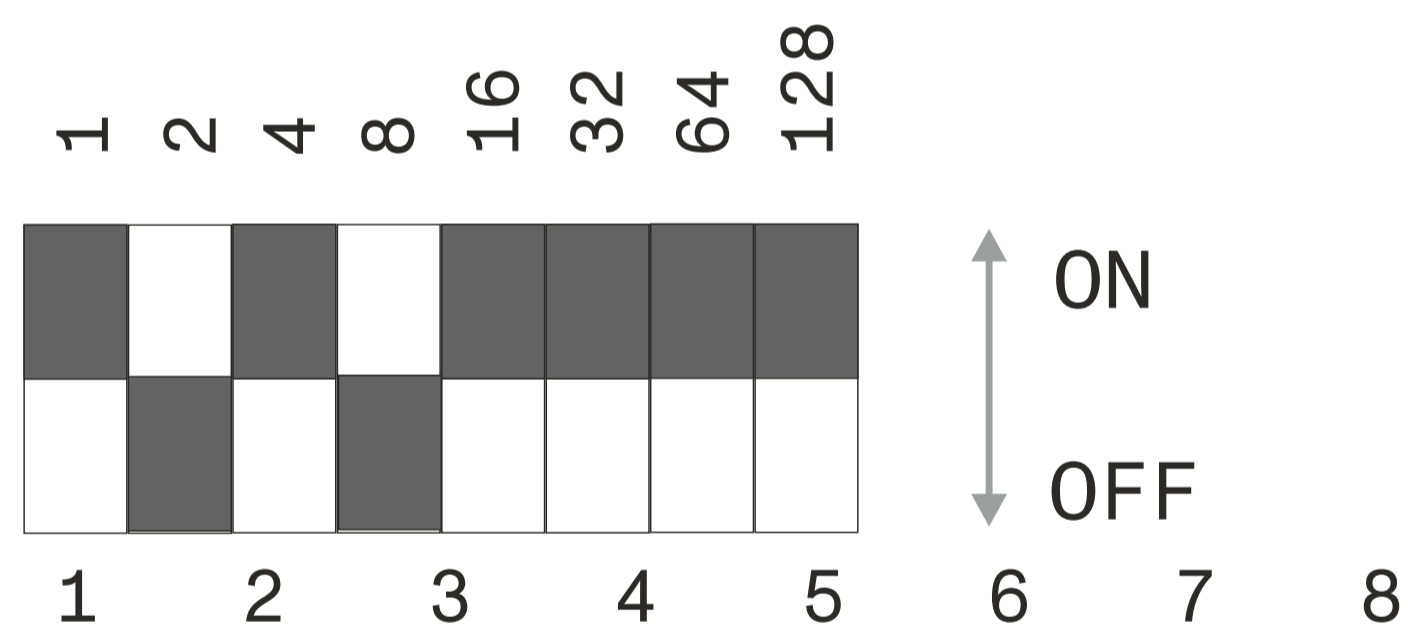


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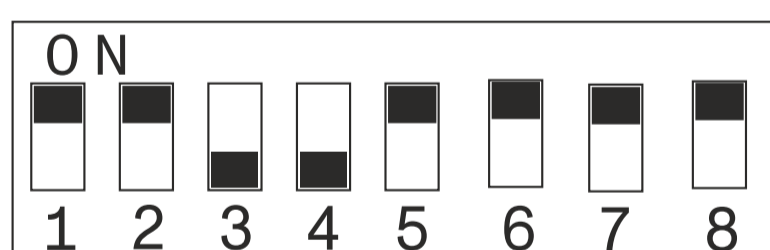
Esempi

Indirizzo 10

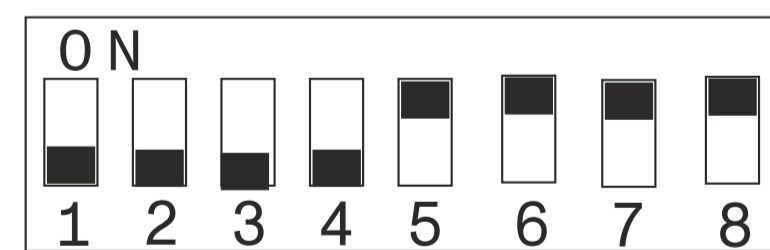
Switch 4 = 8  
Switch 2 = 2  
Totale = 10



9



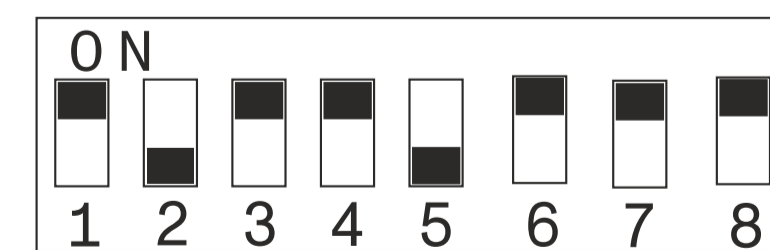
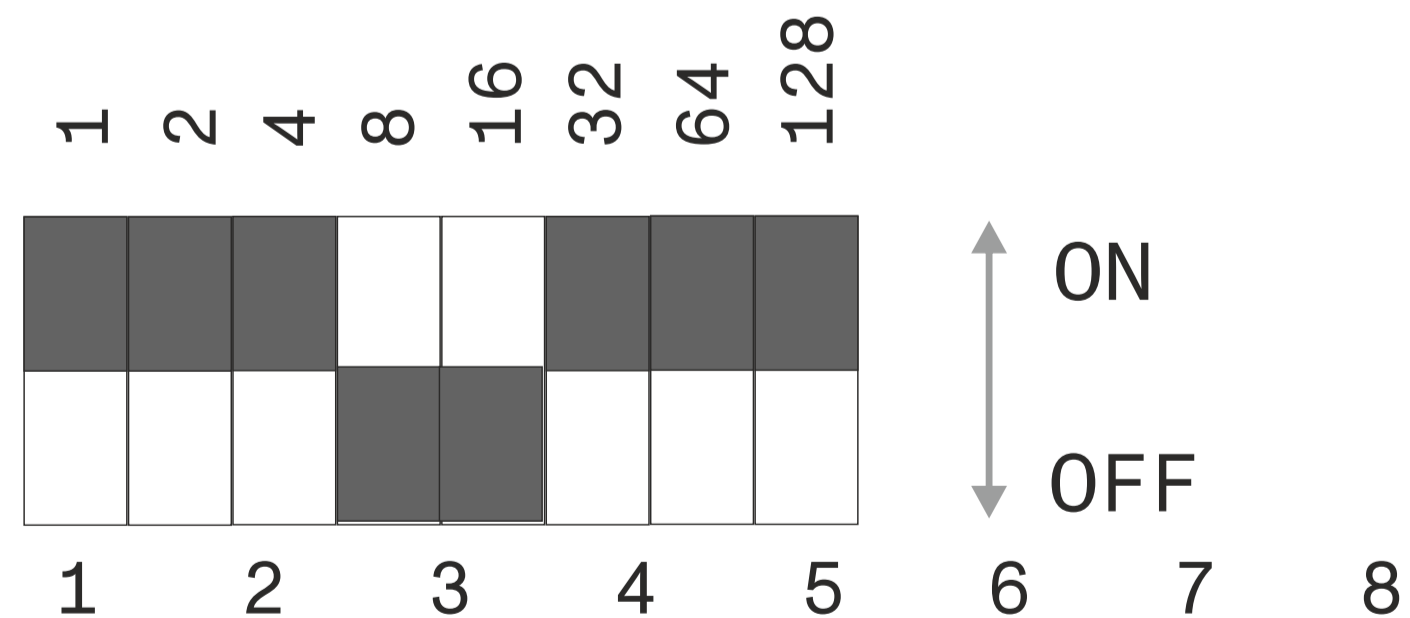
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15

Indirizzo 24

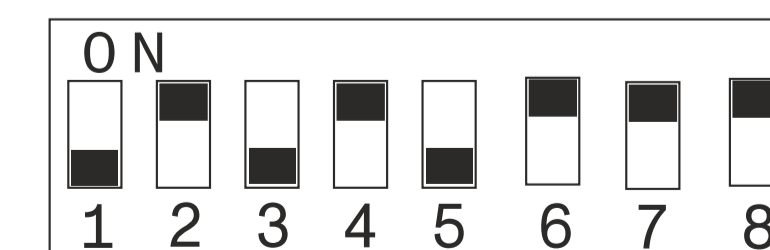
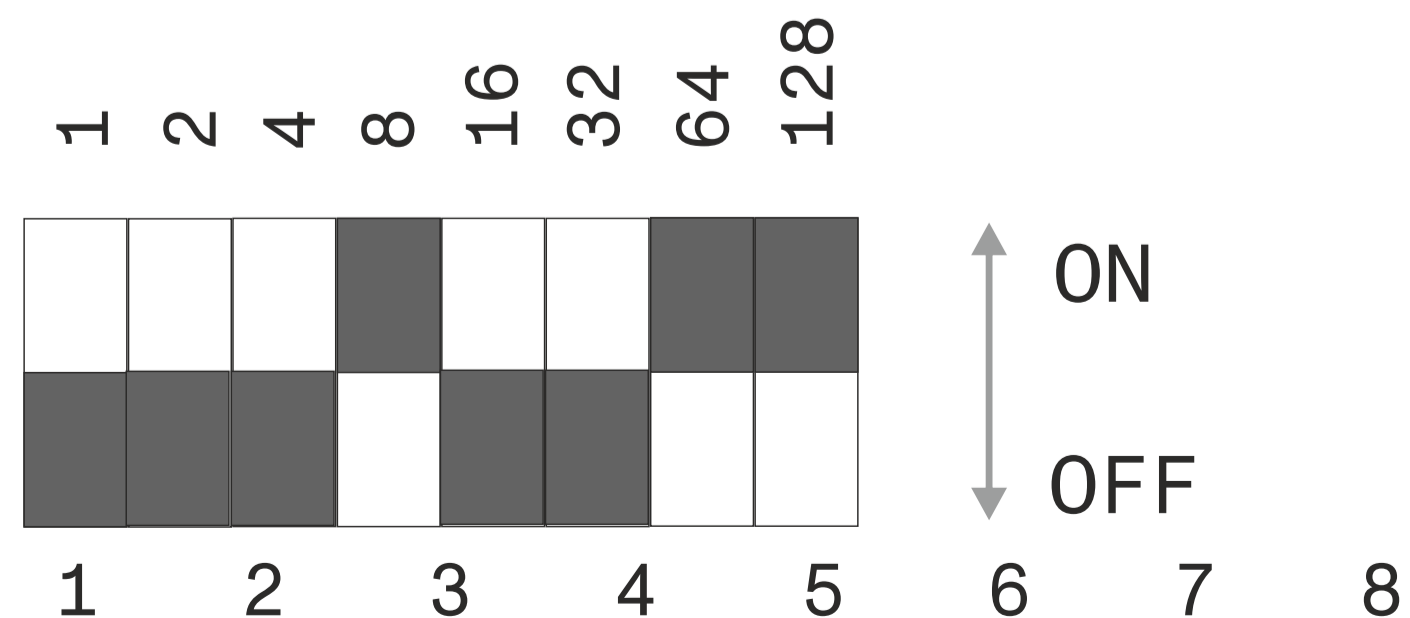
Switch 5 = 16  
Switch 4 = 8  
Totale = 24



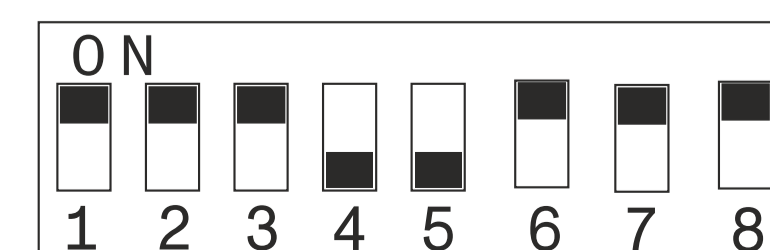
18

Indirizzo 55

Switch 6 = 32  
Switch 5 = 16  
Switch 3 = 4  
Switch 2 = 2  
Switch 1 = 1  
Totale = 55



21



24



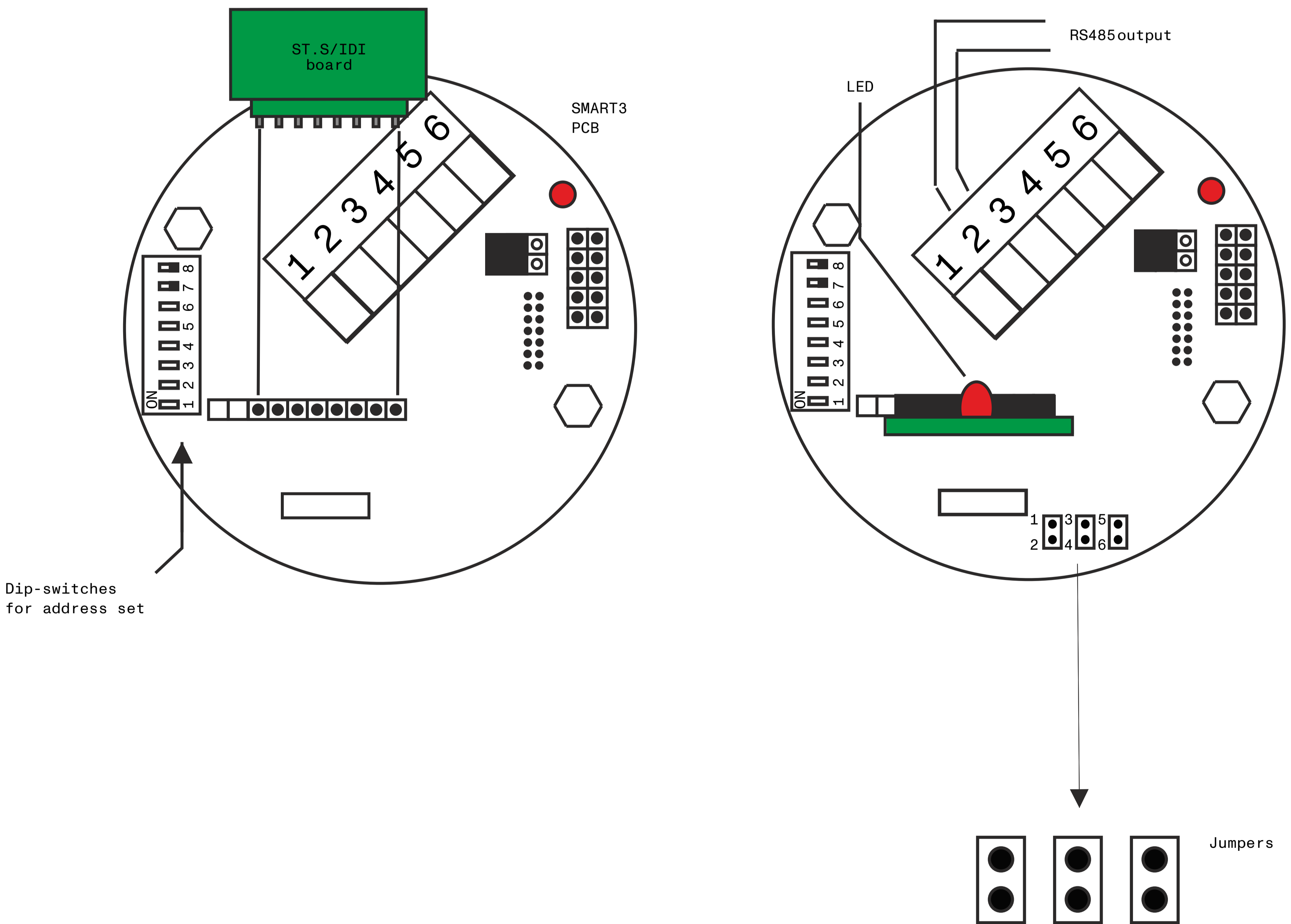
# 1. Introduction

The following instructions explain how to mount and configure the addresses of the ST.S/IDI serial card, to make the SMART3 (NC, CC, CD, IR, GD) detectors communicate on RS485 bus. These instructions are to be observed along with the instructions reported on the SMART3 manual.

# 2. Mounting

Before assembling the ST.S/IDI card, make sure the detector has been powered off. Insert the vertical plug-in card into the 10-pole connector, paying attention to leave the two left side poles free. Make sure the card has been fully plugged in. Turn the side comprising the red LED towards the main terminal board, as shown in the drawing here below.

Figure 1



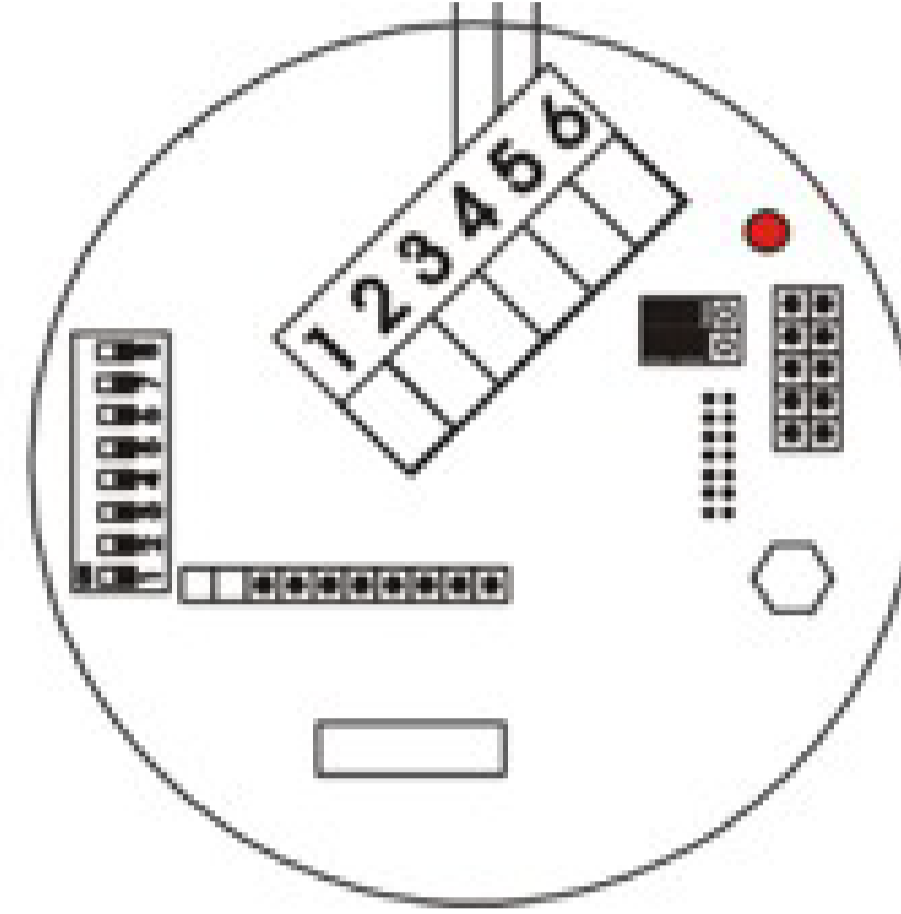
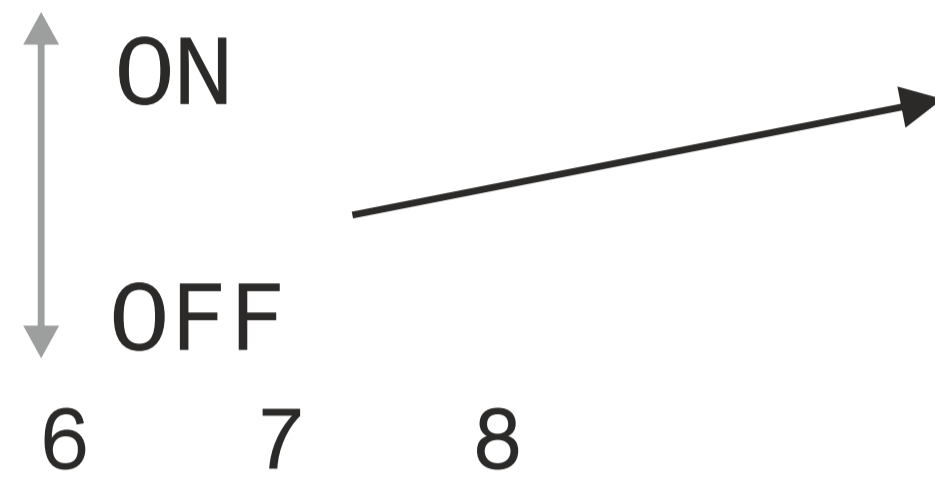
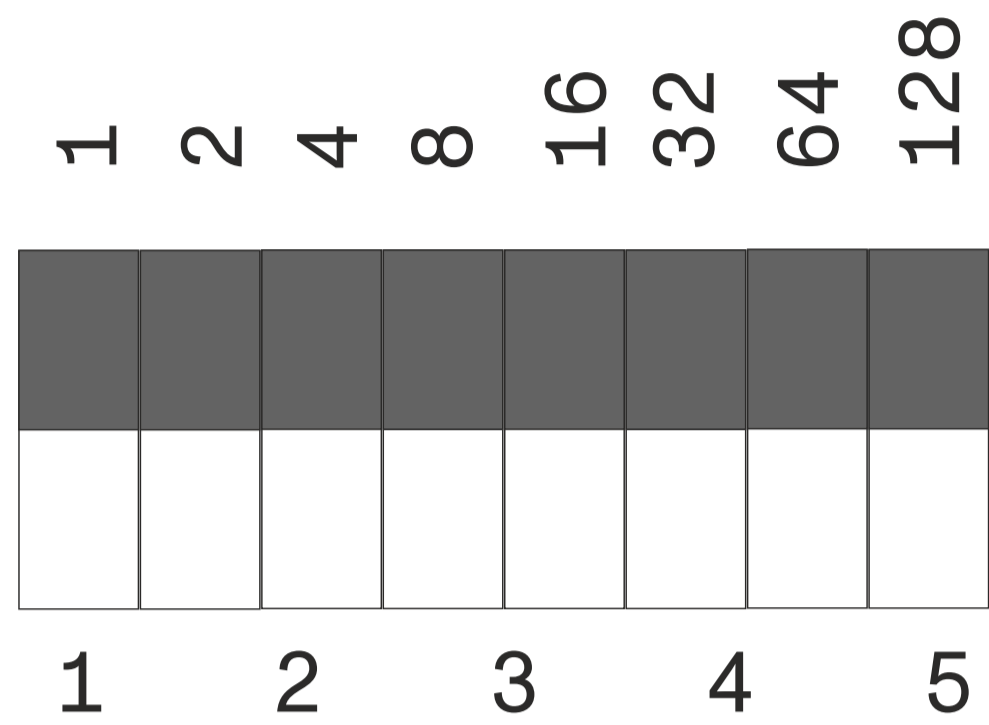
- Jp 1-2 Not used
- Jp 3-4 Open communication protocol Modbus Standard
- Jp 3-4 Closed Proprietary protocol typically used by the Multiscan IDI Eprom Version before 3.00
- Jp 5-6 Open enables the auxiliary boards and the display LED
- Jp 5-6 Closed disable the auxiliary boards and the display LED



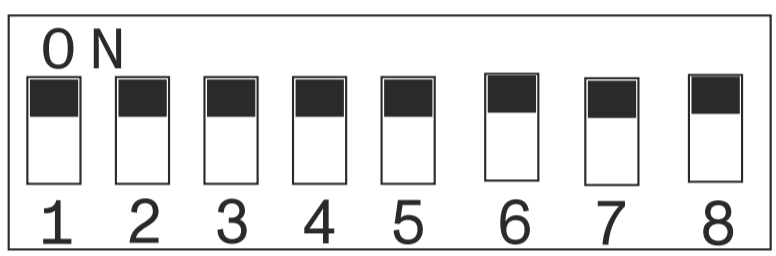


### 3. Address configuration

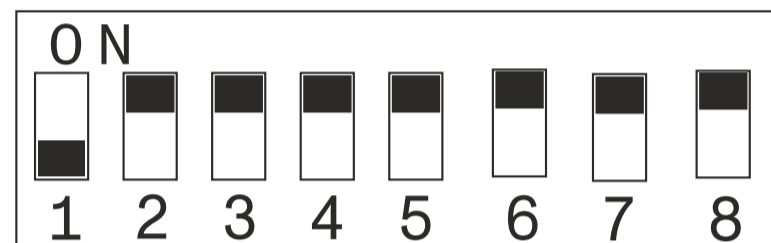
Dip-switches are to be configured according to the serial address given to the detectors. A value from 1 to 128 is associated with each selector (Dip-switch). The sum of all switches in the OFF position will give the final address.



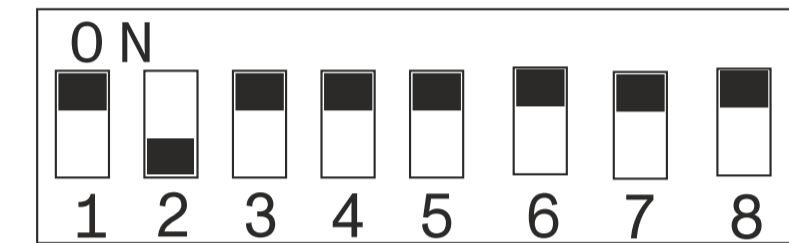
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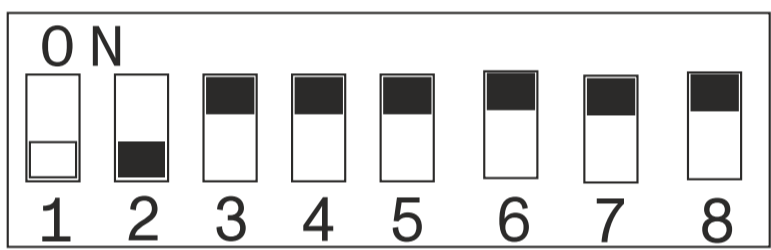
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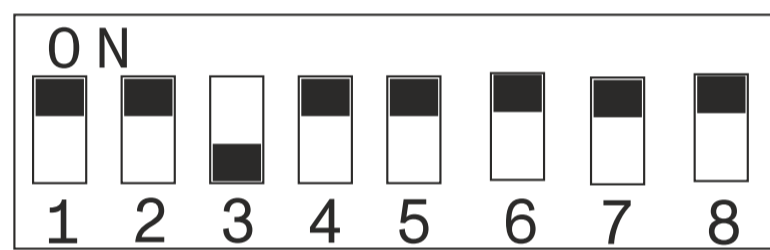
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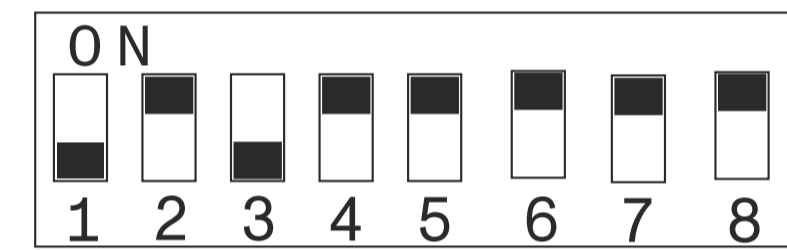
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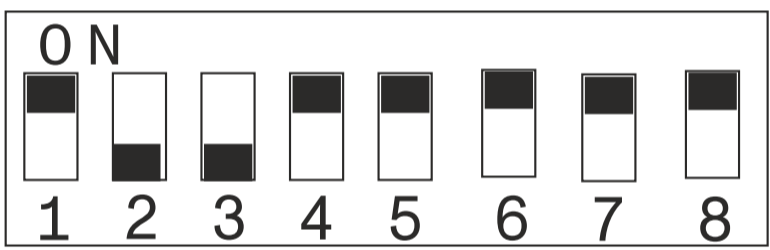
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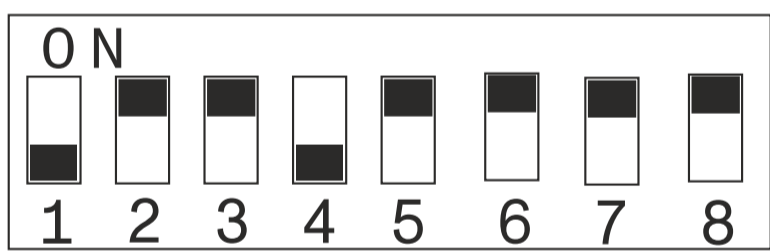
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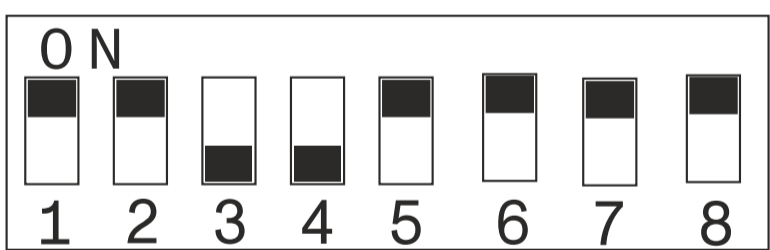
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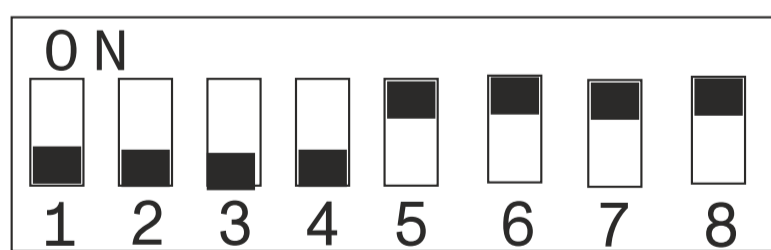
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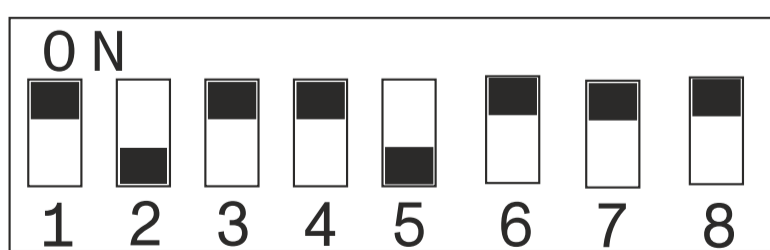
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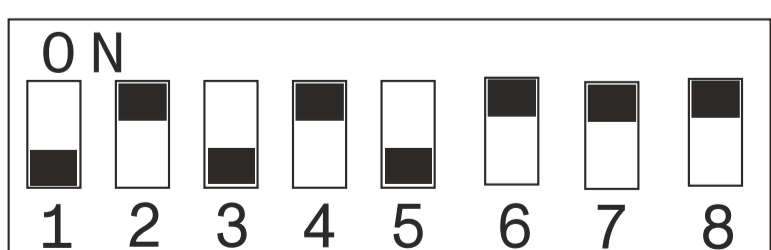
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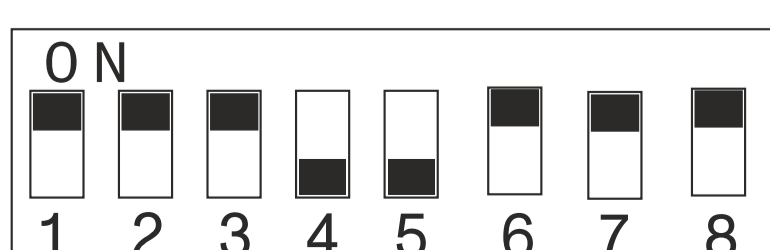
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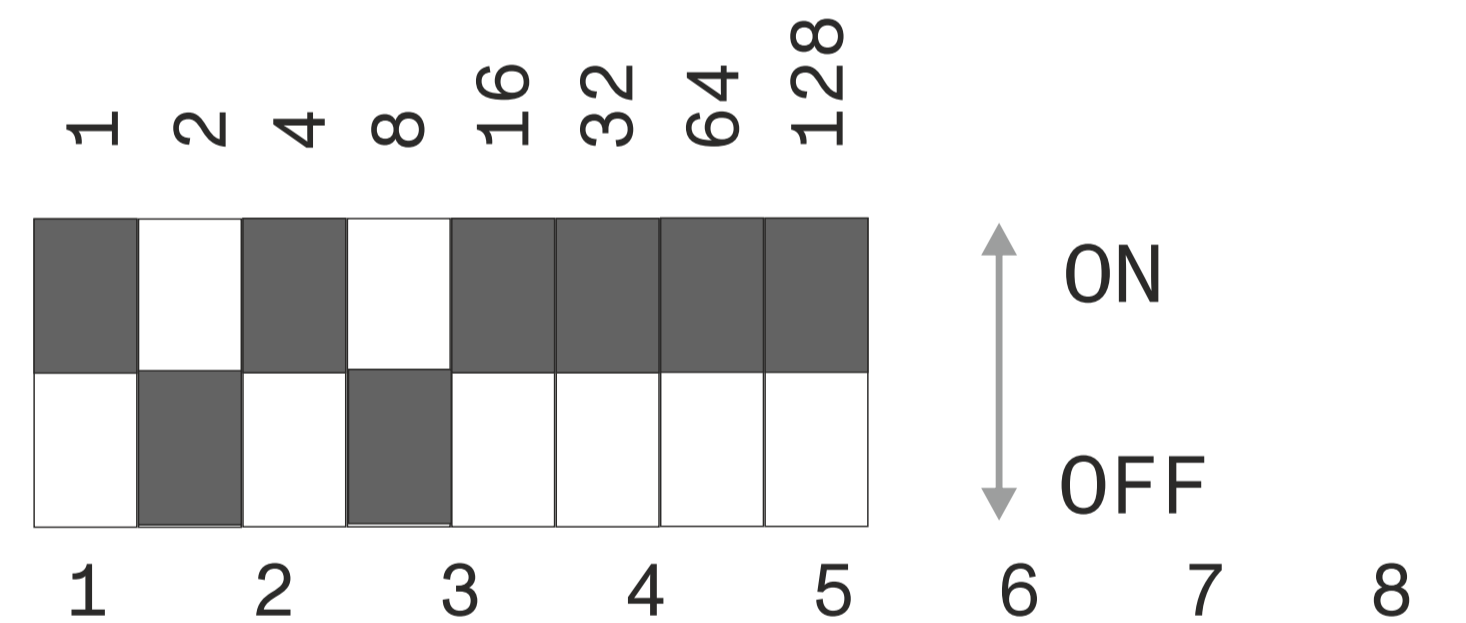


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#### Exampoles

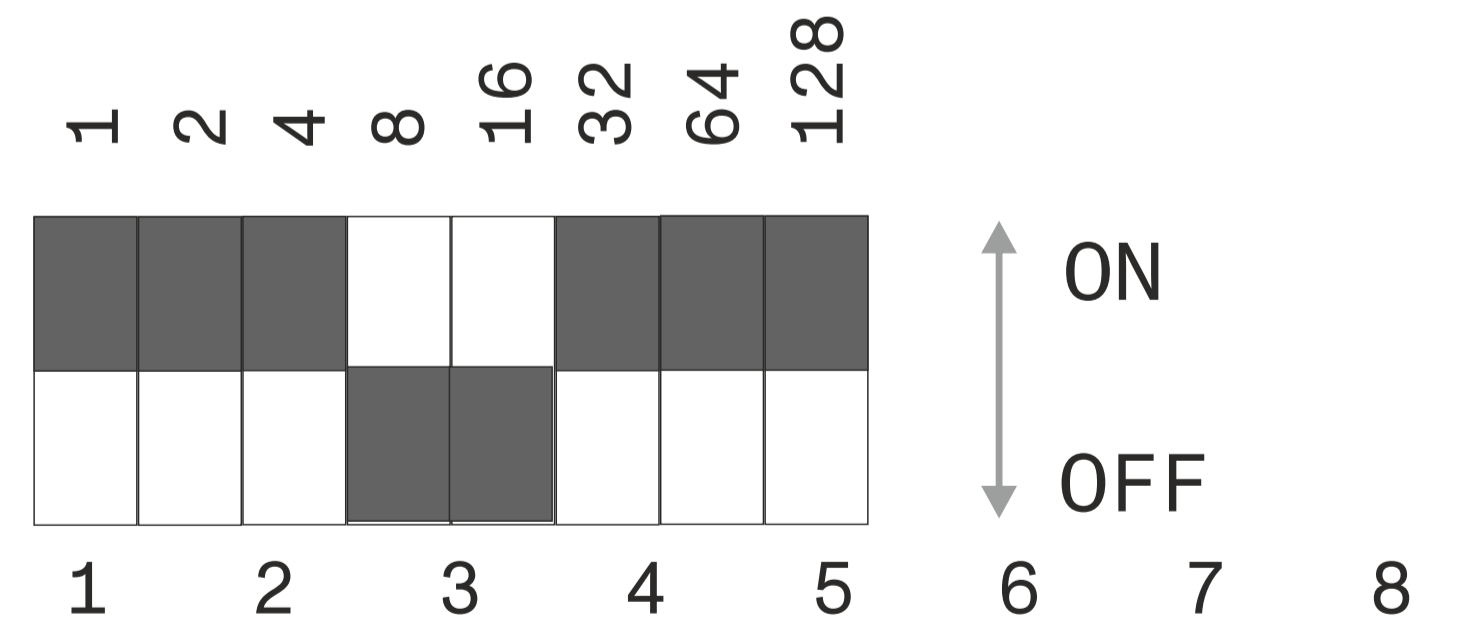
Adress 10

Switch 4 = 8  
Switch 2 = 2  
Totale = 10



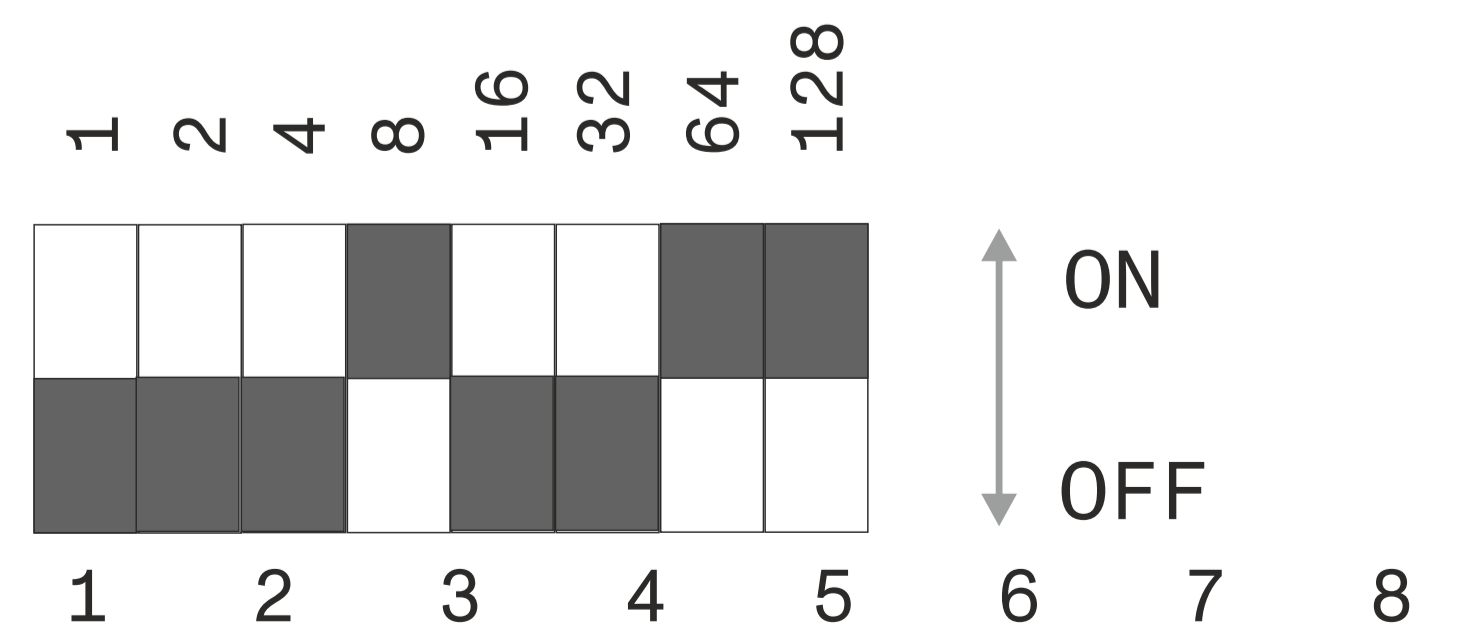
Adress 24

Switch 5 = 16  
Switch 4 = 8  
Totale = 24



Adress 55

Switch 6 = 32  
Switch 5 = 16  
Switch 3 = 4  
Switch 2 = 2  
Switch 1 = 1  
Totale = 55



## Contatti/Contacts

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Sensitron S.r.l.

