D45 System
D45 to 2 WIRE interface

346858

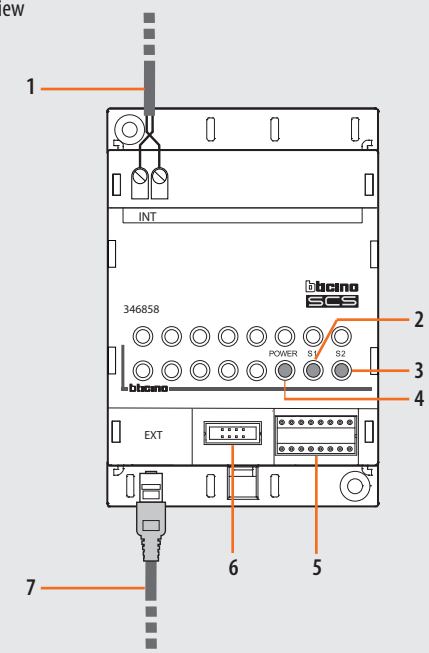
Description

D45 System switch over interface through which we can install (inside the apartment) the BTicino 2 WIRE door entry system. Interface allow to integrate and combine 2 WIRE and home automation systems in order to create 2 wire technology risers and install the BTicino enhanced colour video handsets. DIN rail installation.

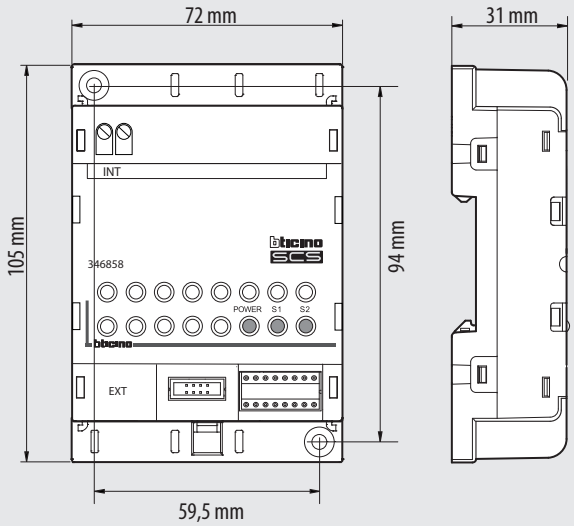
Technical data

Power supply:	30 Vdc
Stand by absorption:	≤ 1 mA @ 30 V
Max. operating absorption:	≤ 20 mA @30 V
Operating temperature:	(-10)-(+40)°C

Front view



Dimensional data

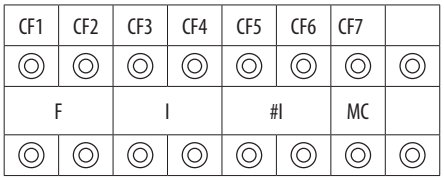


Legend

1. INT connection, is the device external communication port. Connect to BTicino 2 WIRE system plant (inside the apartment)
2. S1 internal status LED indicator. LED ON = internal end engaged
3. S2 external status LED indicator. LED ON = external end engaged
4. Power supply status LED indicator. Red LED ON = power supply ON
5. Phisical configurators socket
6. Serial interface connector
7. RJ45 connector for D45 System connection

NOTE : during communication,both S1 and S2 LEDs will flash.

Configuration



Two different configuration modes available for device :

- Simple configuration **(MODE 1)**
- Flexible configuration **(MODE 2)**

FF II = number of the indoor unit (FF refers to the first two places of the IP number and II refers to the last two places, namely the room number at the floor).

CONFIGURATION PLACE	SIMPLE CONFIGURATION **MODE 1**	FLEXIBLE CONFIGURATION **MODE 2**
CF1	FF= the floor number relevant to the HANDSET (01≤FF≤20)	FF= the floor number relevant to the IP (01≤FF≤99)
CF2		
CF3	II=the room number relevant to the IP floor (01≤II≤04)	II=the room number relevant to the IP floor (01≤II≤#II)
CF4		
CF5	#II (Mode 1, default 04, no need to set)	#II=household number of the unit (01≤#II≤99)
CF6		
CF7	MC (no need to set, relying on the setting of the Riser shunt)	MC (no need to set, relying on the setting of the Riser shunt)

Configuration examples:

Example 1
If the unit building relevant to 346858 has 18 floors, 4 households at each floor, then D45 system can adopt MODE 1 for the system configuration. When the 346858 floor is 17/F and the second household, then its configuration can be made like follows :

CONFIGURATION PLACE	SIMPLE CONFIGURATION **MODE 1**
CF1	FF=17
CF2	
CF3	II=02
CF4	
CF5	Default 04, no need to set
CF6	
CF7	No need to set, relying on the setting of the Riser shunt

Example 2
If the unit building relevant to 346858 has 28 floors, 3 households at each floor, then D45 system can adopt MODE 2 for the system configuration. When the 346858 floor is 10/F and the first household, then its configuration can be made like follows :

CONFIGURATION PLACE	FLEXIBLE CONFIGURATION **MODE 2**
CF1	FF=10
CF2	
CF3	II=01
CF4	
CF5	#II=03
CF6	
CF7	No need to set, relying on the setting of the Riser shunt