

# Time Switch



2

	Ref.-No.	
<i>instabus</i> time switch, 2 channel	2152 REG	NEW
ETS-product family:	Time switch	
Product type:	Timer	
Series embodiment (SE)-device (2 units)		

3

The 2 channel time switch can be used as a daily or as a weekly time switch. On each channel, switching, priority, brightness values or value messages (commands) can be transmitted at determined times.

The time switch offers: 36 captive switching times which are programmable by free block formation on one, several or all weekdays.

In addition the device is already programmed ex factory with valid Middle-European switching for automatic summer/winter time switching and current time-of-day.

If another or no switching is required, this can be programmed as described in the operating instruction.

4

Technical data:	
Supply	
Voltage:	24 V DC (+6 V / -4 V)
Power consumption:	< 2 mA
Connection:	<i>instabus</i> connection bus
Power reserve:	6 years at +20°C
Programmable:	every minute
Memory locations:	36
Sommer/winter:	adjustment automatically
Protection:	IP 20
Operation temp.:	-5°C to +45°C
Mounting:	on DIN rail 35 x 7,5

On each of the 2 channels you can choose between the following message types:

- switching message (1 Bit)
- priority message (2 Bit)
- brightness value or value message (8 Bit)

Cyclic transmitting can be selected for each channel, this is controlled by a common timer. In addition the possibility exists of suppressing the time switch program of the clock by control of a blocking object via the bus.

The characteristic of the blocking object and its influence on the transmission behaviour of the individual channel objects can be adjusted by parameters.

This could be an ideal application for private homes or smaller EIB projects.

During a switching time, up to four messages (commands) can be transmitted via bus on one channel (end of a working day: switch off main lighting, drive shutter down, lower ambient temperature, lock external doors).

These additional objects can be a 1 or 2 Bit or a 1 Byte type.

### Objects

Number of addresses: 11  
 Number of assignments: 11  
 Communication objects: 9

Object	Name	Function	Type	Flag
0	channel 1 object 1	send telegram switch	1 Bit	R, T
4	channel 2 object 1	send telegram switch	1 Bit	R, T
8	block	reception telegram block	1 Bit	W, T

max. extension with four switch messages (commands):

Object	Name	Function	Type	Flag
0	channel 1 object 1	send telegram switch	1 Bit	R, T
1	channel 1 object 2	send telegram switch	1 Bit	R, T
2	channel 1 object 3	send telegram switch	1 Bit	R, T
3	channel 1 object 4	send telegram switch	1 Bit	R, T
4	channel 2 object 1	send telegram switch	1 Bit	R, T
5	channel 2 object 2	send telegram switch	1 Bit	R, T
6	channel 2 object 3	send telegram switch	1 Bit	R, T
7	channel 2 object 4	send telegram switch	1 Bit	R, T
8	block	reception telegram block	1 Bit	W, T