Ensure that the distance corresponds as closely as possible to the current length (the sum of all the cables per line) as this will accelerate data transmission.

Note

The distance set must always be longer than the actual length of cable per line.

Setting/changing the number

Proceed as follows:

1. Set the switch of the power supply module in the EU in which you want to make the change to the ⏻ position (Output voltage 0 V).
2. Enter the number using the DIP switch.
3. Switch the power supply module on again.

Specifications of the IM 460-4 and IM 461-4

Maximum line length (total)	605 m
Dimensions W x H x D (mm)	25 x 290 x 280
Weight	
• IM 460-4	630 g
• IM 461-4	620 g
Current consumption from the S7-400 bus 5 VDC	
• IM 460-4	Typ. 1350 mA Max. 1550 mA
• IM 461-4	Typ. 590 mA Max. 620 mA
Power loss	
• IM 460-4	Typ. 6750 mW Max. 7750 mW
• IM 461-4	Typ. 2950 mW Max. 3100 mW
Terminator	6ES7461-4AA00-7AA0
Backup current	None

Compatibility

You cannot use the IM 460-4 and IM 461-4 interface modules with CPUs that have the following order numbers:

- 6ES7412-1XF00-0AB0
- 6ES7413-1XG00-0AB0
- 6ES7413-2XG00-0AB0
- 6ES7414-1XG00-0AB0