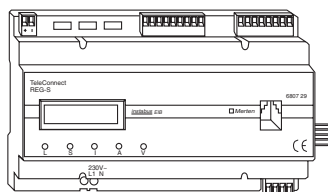


## TeleConnect REG-S



**Colour**  
light grey

**Article no.**  
680729

## Handset for TeleConnect



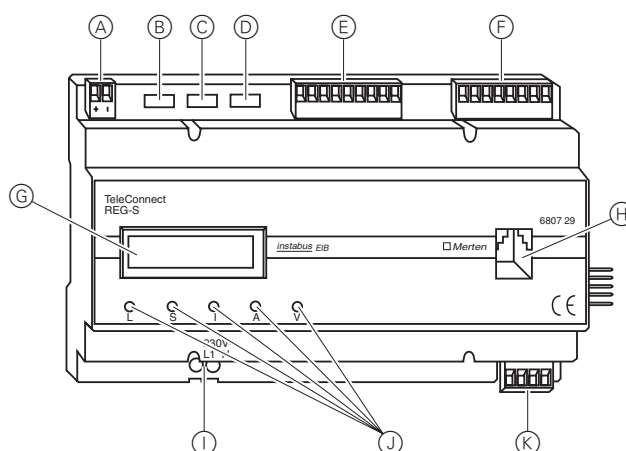
**Colour**  
anthracite

**Article no.**  
660790

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## 1. Function



- (A) Connection of the external DC power supply
- (B) Plug-in jumper S3 for external power supply
- (C) Plug-in jumper S2 for EIB use
- (D) Plug-in jumper S1 for current impulse outputs
- (E) Plug-in terminal strip for signal inputs
- (F) Plug-in terminal strip for switch outputs
- (G) Two-line, 16-digit display
- (H) Socket contact for handset
- (I) Screw terminals for connection of the 230 V supply system, alternative to (A)
- (J) Buttons for programming the performance characteristics
- (K) Plug-in terminal strip for connection to the telephone cable

With TeleConnect REG-S, the telephone network is linked to the signal inputs and switch outputs of the device.

Additional functions in INSTABUS EIB installations can be used via the bus coupler REG, art. no. 690599.

4 conventional loads and 6 INSTABUS functions are controlled via a conventional DTMF telephone or via a DTMF hand-held transmitter. The states of the loads and device functions can be queried through speech output. The corresponding text can be modified with the handset (art. no. 660790).

The device states are indicated on an LC display in parallel with the speech output.

A four-digit code protects the device against unauthorised access. There is also the possibility of programming an alarm function. In the event of an alarm, up to three telephone numbers are dialled in succession.

If an alarm is not acknowledged, an alarm output is set on the device. An alarm can be acknowledged on the device via an external or internal push-button.

Four conventional alarm inputs and two INSTABUS signal inputs trigger the alarm. The following functions can be set in the device via the four buttons:

- Number of calls to activate the TC
- Three telephone numbers
- A personal code
- The dialling process (IWW/DTMF)
- The personal announcements can be stored in the device. 3 seconds are available to record each segment of text.

The following additional functions are available from version 5 onwards:

- Number of dialling attempts
- Setting the language of the display messages
- Behaviour on power failure
- Answerphone mode

## 2. Installation

The INSTABUS TeleConnect REG-S is supplied in a plastic housing and snapped onto a DIN rail EN 50022-35x7.5. The plug connector for the connection of the bus coupler REG, art. no. 690599, is inserted on the right-hand side of the device. The bus coupler REG is linked with the TeleConnect on the right-hand side via the plug connector. In bus couplers REG, the bus connection is carried out via the data rail by pressure contacts on the base.



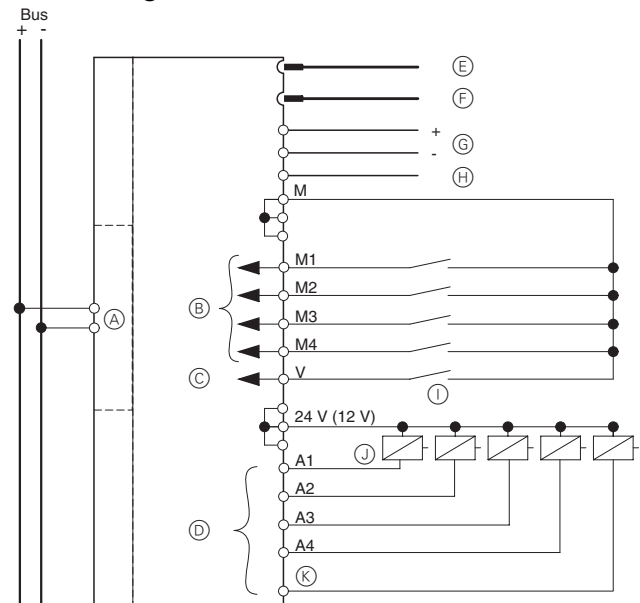
### Caution!

Before dismantling the device, the bus coupler REG must first be removed to the right to prevent the plug connector being damaged.

The device must be mounted in dry rooms with ambient temperatures between -5 °C and +45 °C and in the vicinity of the telephone socket-outlet.

The device can also be connected to an external DC 12V/DC 24 V power supply (e.g. battery operation).

### Circuit diagram



- (A) Busankoppler REG
- (B) Konvent. Meldeeingänge
- (C) Alarmbestätigung
- (D) Konvent. Ausgänge je 24 V max. 50 mA
- (E) Telefonanschluss (TAE)
- (F) Hör-/Sprechset
- (G) AC 230 V
- (H) Steckernetzteil
- (I) Alarmbestätigungstaster
- (J) Relais
- (K) Alarm 0 A

### 3. Technical Data

Power supply	
Input voltage:	AC 230 V, 50-60 Hz or DC 12/24 V directly
Power consumption:	approx. 5.2 VA and approx. 0.3 W with external DC 12 V supply in open circuit
Connections	
Power supply:	Supply voltage: 1 x socket for external DC 12/24 V supply
INSTABUS:	via plug connector and bus coupler REG, art. no. 690599 (ordered separately)
Telephone:	Plug-in terminal strip
Handset:	4-pin RJ socket
Signal inputs:	Plug-in terminal strip for 4 floating conventional contacts and alarm acknowledgement button
Outputs:	Plug-in terminal strip for 5 outputs, each with 24 V and 50 mA (short-circuit-proof)
Display elements:	LC display for basic setting and alarm acknowledgement with two-line, 16-digit, alphanumeric LCD field
Operating elements:	5 buttons for programming the device functions Alarm acknowledgement button
Ambient temperature	
Operation:	-5 °C to +45 °C
Storage:	-25 °C to +55 °C
Transport:	-25 °C to +70 °C
Type of protection:	IP 20
EC guidelines:	corresponds to CTR 21, BAPT 223 ZV 5, low voltage guideline 73/23/EEC; corresponds to EMC guideline 89/336/EEC
Dimensions:	144x90x65 mm (8 modules) (LxWxH)
Approval from the Federal Office for Telecommunications:	BZT A11617GE
TKZulV approval	Q121437F

### 4. Settings in the EIB Tool Software (ETS)

#### Selection in the product database

Manufacturer:	Merten
Product family:	1.3 Interfaces/gateways
Product type:	1.3.06 TeleConnect
Media type:	Twisted Pair
Product name:	TeleConnect REG-S
Order number:	680729

### 5. Application overview

The following applications can be selected:

Application	Vers.	Function
TeleConnect 7303/1	3	This application enables the group addresses of the outputs and alarm inputs, which are used by the TeleConnect, to be linked with the communication objects.
TeleConnect 7301	1	This application should no longer be used.