

Central Battery System EURO ZB.1 with Circuit Monitoring



Ordering details

Type	Scope of supply	Order No.
Central battery system EURO-ZB.1/52	Central battery system incl. ST20 E, LT.1 and DC/DC.2 26 free module slots	4 0071 346 070
Central battery system EURO-ZB.1/20K	Central battery system incl. ST20 E, LT.1 and DC/DC.2 10 free module slots	4 0071 346 071
Central battery system EURO-ZB.1/204K	Central battery system incl. ST20 E, LT.1 and DC/DC.2 14 free module slots	4 0071 346 854
Central battery system EURO-ZB.1/26K	Central battery system incl. ST20 E, LT.1 and DC/DC.2 10 free module slots	4 0071 346 615
Central battery system EURO-ZB.1/264K	Central battery system incl. ST20 E, LT.1 and DC/DC.2 14 free module slots	4 0071 346 855
Central battery system EURO-ZB.1/18K	Central battery system incl. ST20 E, LT.1 and DC/DC.2 10 free module slots	4 0071 346 180
Central battery system EURO-ZB.1/188K	Central battery system incl. ST20 E, LT.1 and DC/DC.2 18 free module slots	4 0071 346 853
Central battery system ZB 96/LAD	Central battery system incl. ST20 E, LT.1 and DC/DC.2 (2 free module slots possible)	4 0071 347 400
Substation EURO-US.1/72	Substation incl. ST20 E and DC/DC.2 36 free module slots	4 0071 346 335
Substation EURO-US.1/42	Substation incl. ST20 E and DC/DC.2 21 free module slots	4 0071 347 561
Substation EURO-US.1/26	Substation incl. ST20 E and DC/DC.2 13 free module slots	4 0071 347 560
Substation EURO-US.1/10	Substation incl. ST20 E and DC/DC.2 5 free module slots	4 0071 346 247
Substation EURO ESF-E30/17	Cabinet for substation EURO ESF-E30/17, with control module ST20E, DC/DC-converter, 2 x module rack 8 units and 1 x module rack 4 units	4 0071 347 806
Substation EURO ESF-E30/28	Cabinet for substation EURO ESF-E30/28, with control module ST20E, DC/DC-converter, 4 x module rack	4 0071 347 808

Central Battery System EURO ZB.1 with Circuit Monitoring

Ordering details

Type	Order No.
4 pcs. DIN mounting rail incl. mounting accessories	4 0071 347 125
3 pcs. C-section rail incl. mounting accessories	4 0071 347 126
Socket 200 mm for ZB-S, depth 400 mm	4 0071 347 121
Socket 100 mm for ZB-S, depth 400 mm	4 0071 347 120
Socket 200 mm for ZB-S/18C3 and 10C3, depth 330 mm	4 0071 360 049
3-piece baseplate for ZB-S, depth 400 mm, mouse-proof	4 0071 347 124
Cable support rail	4 0071 347 123
Metal flange plate undrilled for battery cabinet	4 0071 346 225
Flange plate with foam rubber for battery cabinet	4 0036 070 164
Fireproof dowel M10 for E30 sub-distribution board, Set of = 12 pcs., for mounting in concrete walls	4 0036 070 298
Optional wall mounting plate for wall mounting for EURO ESF-E30/17	4 0071 347 726

Table of Covers

Technical data EURO ZB.1

Type	EURO ZB.1-52	EURO ZB.1/20K	EURO ZB.1/204K	EURO ZB.1/26K	EURO ZB.1/264K	
Modules:						
Control module: ST20E	1	1	1	1	1	
DC/DC.2-converter ⁵	1	1	1	1	1	
Charging module 2.5 A	1	1	1	1	1	
Circuit module SKU ⁵	0-26	0-10	0-14	0-10	0-14	
Charging booster 2.5 A	0-6 ¹	0-1 ³	0-1 ³	0-2 ⁴	0-2 ⁴	
Electrical cabinet construction:						
Rated voltage	400/230 V	230 V	230 V	230 V	230 V	
Rated frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	
Conductor order and system of earthing in mains power operation/battery operation	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT	
Insulation class	1	1	1			
Degree of protection	IP 21	IP 21	IP 21	IP 21	IP 21	
Max. current rating mains [Σ L1, L2, L3] [A]	80	60	60	63	63	
Max. rated power mains [KW]	18.4	13.8	13.8	14.5	14.5	
Max. current rating battery [A]	80	35	35	63	63	
Max. rated power battery [KW]	17.3	7.6	7.6	13.6	13.6	
Three-phase distribution	No	No	No	No	No	
Conductor size for mains and battery supply	50 mm ²	16 mm ²	16 mm ²	16 mm ²	16 mm ²	
Outgoing circuits	0 - 6 Feeders	1 Feeder	–	2 Feeders	–	
Conductor size	16 mm ²	35 mm ²	–	35 mm ²	–	
Max. conductor size final circuits	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	
Mechanical cabinet construction:						
Dimensions H x W x D (mm)	2050 x 800 x 400	2050 x 800 x 400	2050 x 800 x 400	2050 x 800 x 600	2050 x 800 x 600	
Material / Design	Sheet steel / Stand alone cabinet	Sheet steel / Compact cabinet	Sheet steel / Compact cabinet	Sheet steel / Compact cabinet	Sheet steel / Compact cabinet	
Door stop	right	right	right	right	right	
Outer coating	Textured powder paint	Textured powder paint	Textured powder paint	Textured powder paint	Textured powder paint	
Colour	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	
Partial viewing door	Yes	Yes	Yes	Yes	Yes	
Lock	3 mm Two-way	3 mm Two-way	3 mm Two-way	3 mm Two-way	3 mm Two-way	
Cable entry from above	Yes	Yes	Yes	Yes	Yes	
Cable entry from below	Yes	No	No	No	No	
Socket (optional)	100/200	200	200	–	–	
Battery capacity, installed in:						
Compact cabinet	–	5.5-53.7 Ah	5.5-53.7 Ah	5.5-89.4 Ah	5.5-89.4 Ah	
Battery cabinet	23.3-245 Ah ⁶	–	–	–	–	
Battery rack	23.3-245 Ah ⁶	–	–	–	–	

Other battery sizes on application

*1 When 6 boosters are fitted, a double bus carrier is necessary.

*2 Up to 8 boost chargers are possible when 2 SKUs are fitted.

*3 When 1 booster is fitted a single booster adapter is necessary.

*4 When 2 boosters are fitted a double booster adapter is necessary. (>240 Ah Special design)

*5 After more than 13 SKU CG-S 4 x 1.5 A or 26 SKU CG-S 2 x 3 A / 1 x 6 A a second DC/DC converter is needed.

Please observe that all DC/DC-converters are operated on the same module assembly frame next to each other.

Table of Covers

Technical data EURO ZB.1

	EURO ZB.1/18K	EURO ZB.1/188K	EURO US.1/72	EURO US.1/42	EURO US.1/42	EURO US.1/10	EURO-ESF-E30/17	EURO-ESF-E30/28
	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1
	1	1	-	-	-	-	-	-
	0-10	0-14	0-36	0-21	0-13	0-5	0-13	0-28
	-	-	-	-	-	-	-	-
	230 V	230 V	400/230 V	230 V	230 V	230 V	230 V	400/230 V
	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT	TN-C-S / IT
	IP 21	IP 21	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
	25	25	80	50	50	30	35	50
	5.8	5.8	18.4	11.5	11.5	6.9	8.1	11.5
	25	25	80	50	50	30	35	50
	5.4	5.4	17.3	10.8	10.8	6.5	7.6	10.8
	No	No	Yes	No	No	No	No	Yes
	16 mm ²	16 mm ²	35 mm ²	35 mm ²	16 mm ²	16 mm ²	16 mm ²	16 mm ²
	1 Feeder	1 Feeder	-	-	-	-	-	-
	16 mm ²	16 mm ²	-	-	-	-	-	-
	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	4 mm ²	4 mm ²
	1800 x 600 x 350	1800 x 600 x 350	2050 x 800 x 400	1200 x 600 x 300	800 x 600 x 250	600 x 400 x 250	1150 x 885 x 405	2190 x 885 x 405
	Sheet steel / Compact cabinet	Sheet steel / Compact cabinet	Sheet steel / Stand alone cabinet	Sheet steel / Wall cabinet	Sheet steel / Wall cabinet	Sheet steel / Wall cabinet	Sheet steel / func. endurance 30 min. / Wall cabinet	Sheet steel / func. endurance 30 min. / Wall cabinet
	right	right	right	right	right	right	right	right
	Textured powder paint	Textured powder paint	Textured powder paint	Textured powder paint	Textured powder paint	Textured powder paint	Textured powder paint	Textured powder paint
	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035
	Yes	Yes	Yes	No	No	No	No	No
	3 mm Two-way	3 mm Two-way	3 mm Two-way	3 mm Two-way	3 mm Two-way	3 mm Two-way	3 mm Two-way	3 mm Two-way
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	No	No	Yes	No	No	No	No	No
	200	200	100/200	300	-	-	-	-
	5.5-23.3 Ah	5.5-23.3 Ah	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-

*6 Higher battery capacities =>118 Ah are achieved by connecting several battery sets in parallel.

After 8 h discharge the maximum battery capacity will be 195.4 Ah.

*7 Please indicate the cable entry when planning the system.

EURO ZB.1

Components and Options



SKU 4 x 1 A

SKU 4 x 1 A

Circuit charger

- Circuit monitoring per each circuit pair
- Individual selection and programming per AC/DC circuit pair
- Easy access to fuses
- LED indicates fault and Run/ON for each circuit
- Supplies ballast luminaires
- Service-friendly modular units

Fusing	1.6 A/250 V / 6.3 x 32
Max. connected load per circuit pair	230 VA/220 W
Max. starting current per circuit	60 A/ms
Number of circuits per module	4 pcs.
Typical switch over time	AC/DC approx. 200 ms
Connection terminals/Clamp terminals	2.5 mm ² rigid and flexible
Own consumption	3.85 W

Ordering details

Type	Scope of supply	Order No.
SKU 4 x 1 A	Plug-in module for EURO ZB.1 with circuit monitoring	4 0071 346 610
Spare part	Fuse 1,6 AT (6.3 x 32) 250 V (PU 10 pcs.)	4 0071 070 717



SKU 2 x 3 A

SKU 2 x 3 A

Circuit charger

- Circuit monitoring per each circuit
- Individual selection and programming per AC/DC circuit
- Separate fusing for mains and battery operation
- Easy access to fuses
- LED indicates fault and Run/ON for each circuit
- Supplies ballast luminaires
- Service-friendly modular units

Fusing	5 AT/250 V, 6.3 x 32
Continuous current rating	3 A per circuit
Starting current	120 A/ms per circuit
Typical switch over time	AC/DC approx. 200 ms
Connection terminals/Clamp terminals	2.5 mm ² rigid and flexible
Own consumption	3.85 W

Ordering details

Type	Scope of supply	Order No.
SKU	Circuit change over module SKU 2 x 3 A	4 0071 347 306
Spare part	Fuse 5.0 AT (6.3 x 32) 250 V (PU 10 pcs.)	4 0071 689 047

EURO ZB.1

Components and Options



SKU 1 x 6 A

SKU 1 x 6 A

Circuit charger

- Circuit monitoring per each circuit
- Individual selection and programming per AC/DC circuit
- Separate fusing for mains and battery operation
- Easy access to fuses
- LED indicates fault and Run/ON for each circuit
- Supplies ballast luminaires
- Service-friendly modular units

Fusing	10 AT/250 V, 6.3 x 32
Continuous current rating	6 A per circuit
Starting current	180 A/ms per circuit
Typical switch over time	AC/DC approx. 200 ms
Connection terminals/Clamp terminals	2.5 mm ² rigid and flexible
Own consumption	3.85 W

Ordering details

Type	Scope of supply	Order No.
SKU	Circuit change over module SKU 1 x 6 A	4 0071 347 348
Spare part	Fuse 10 AT (6.3 x 32) 250 V (PU 10 pcs.)	4 0071 070 715



Control module ST 20 E

Control module ST 20 E

The freely programmable ST 20 E control module with 4-line plain text display is used for programming, monitoring and logging of all operational states.

All functions such as charge, mains and battery changeover and deep discharge protection as well as the emergency luminaires connected to the central power supply system are automatically checked. Optionally, an external phase monitor and an annunciator cover with key-operated switch can be connected by means of terminals. The test intervals for the function and duration test can be inputted. Malfunctions are shown in the display and signalled by means of potential-free contacts. An 'E/G/A interface' allows connection to an overriding monitoring station.

Max. current load of volt-free contacts 11/12, 21/22, 31/32	24 V 0.5 A AC/DC
Display	4-line/20 characters per line
Printer interface	DB 25 Centronics

Ordering details

Type	Scope of supply	Order No.
Control module ST 20 E	Plug-in module for all devices	4 0071 346 120

EURO ZB.1

Components and Options



DC-DC Converter

DC/DC Converter

The DC/DC converter converts the 220 V DC battery voltage to 24 V DC and 6 V DC to supply the modules and processor.

With more than 26 SKUs 2 x 3 A/1 x 6 A/4 x 1 A a second DC/DC converter is needed. Please observe that all DC/DC converters are operated on the same module assembly frame next to each other:

- Supplies 26 SKUs CG-S 2 x 3 A/1 x 6 A or 4 x 1 A
- Incoming supply can be run via AC/AC

24 V external	20 W continuous rating Outgoing circuit with front panel connector Isolated voltage
24 V internal	100 W continuous rating 140 W peak rating (20 ms) Supplies max. 26 SKUs

Ordering details

Type	Order No.
DC/DC Converter	7 0071 347 071



AC Module

AC Module

Together with the DC/DC converter, the optional AC module supplies the internal system voltage when the battery supply is isolated, e. g. for maintenance.

Model acc. to	EN 61558/VDE 570
Rated voltage	230 V 50 Hz
Nominal power	240 VA
Fusing	1.6 A

Ordering details

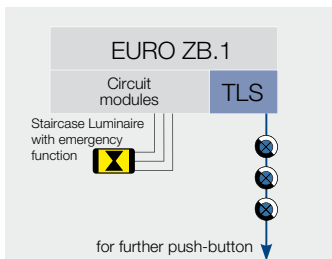
Type	Scope of supply	Order No.
AC-Modul	external transformer module AC/AC-converter 240 VA incl. mounting adapter	4 0071 347 162

EURO ZB.1

Components and Options



Staircase light switching module
plug-in module



TLS staircase light switching module

The assignment of the push-buttons to the emergency light circuits as well as the time (1 to 15 min.) can be freely programmed for the TLS. The TLS option has 8 input channels. Using the same push-button for mains luminaires and emergency luminaires a TLS staircase light switch module must be mounted in one distribution board. On mains failure the TLS module effects on the full SKU. It supplies all connected glow lamps of the push-button.

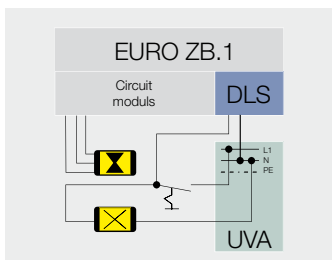
Connection terminals/Clamp terminals	2,5 mm ² rigid and flexible
Time setting	1 to 15 min.
Number of button inputs	8 pcs.
Number of push-button pro TLS input with	
1 mA glow lamp	50 pcs.
0.8 mA glow lamp	62 pcs.
0.4 mA glow lamp	125 pcs.
without glow lamp	any no.
Dimensions (H x B x T) mm	111 x 95 x 89

Ordering details

Type	Scope of supply	Order No.
TLS	Plug-in module	4 0071 343 762



DLS maintained light switch monitor



DLS maintained light switch monitor

By means of the DLS module it is possible to jointly switch luminaires for general lighting and circuits for emergency lighting via existing light switches in mains operation. Only the switched phase (tapping downstream of the light switch) and the respective neutral conductor must be connected to the DLS terminals. Via electrically isolated input channels the DLS module can monitor up to 8 light switches. The assignment of the light switches to the emergency light circuits is freely programmable (max. 2 independent light switches per circuit). The assignment can be altered at any time, e. g. in case of modified use or modified operational procedures. There is no problem to adapt the emergency lighting to all operational requirements without additional cost.

Connection terminals/Clamp terminals	2.5 mm ² rigid and flexible
Number of light switch inputs	8 pcs.

Ordering details

Type	Scope of supply	Order No.
DLS	Plug-in module	4 0071 343 761

EURO ZB.1

Components and Options



SDS 8

SDS 8 module

By means of the SDS 8 module it is possible to monitor max. 8 sub-distributions of the general lighting via separate 24 V current loops. The emergency light circuits can thus selectively be switched on. When a sub-distribution fails, only those emergency luminaires will be switched on that are assigned to it.

Connection terminals	2.5 mm ² rigid and flexible
Number of 24 V monitoring threshold	8 pcs.

Ordering details

Type	Scope of supply	Order No.
SDS 8	Plug-in module	4 0071 346 075

Note:

It is possible to install max. 4 optional modules (DLS/TLS/SDS 8) either individually or in combination, in one cover or one substation. Max. 2 different, freely programmable DLS or SDS 8 inputs can be assigned, also in combination, to each circuit.



Printer PD 2

Printer PD 2

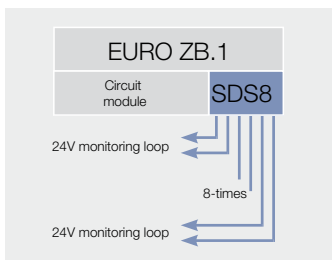
The printer logs and memorizes all function tests and mains failures of a EURO ZB.1 cover or a substation.

After the performance of an automatic function test, the results are printed out in plain text also stating the time and date. A mains failure is also logged with time and date. The printer documents the operational state of emergency luminaires of an emergency lighting supply system. With the printer the information on possible failures of luminaires (e. g. defective lamp) is printed out in detail. The printer must not be used together with a LON module.

Printing paper	Woodfree printing paper
Paper width	57.5 mm
Max. diameter paper roll	50 mm
Core hole diameter	12 mm

Ordering details

Type	Scope of supply	Order No.
PD 2	Plug-in module	4 0071 343 970
Printing paper		4 0078 079 666



EURO ZB.1

Components and Options



CG IV relay module

CG IV relay module

The bipolar CG IV relay module transmits data and operational states of the covers/substations to a central building management system.

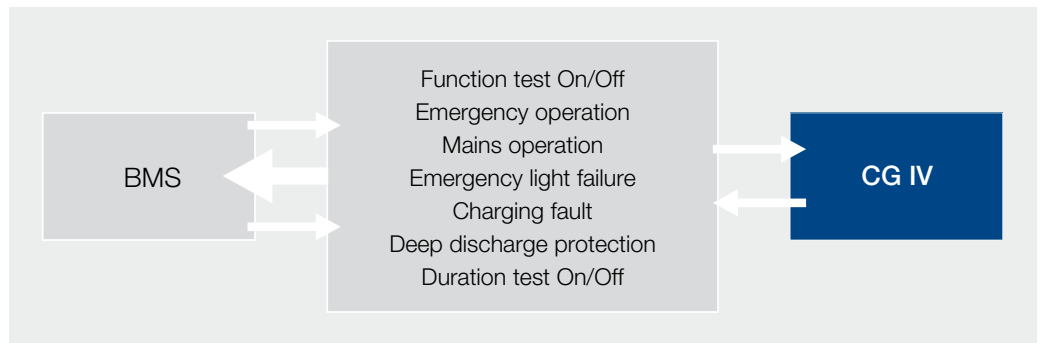
Connection terminals/Clamp terminals	2.5 mm ² rigid and flexible
Switching capacity of the contacts	24 V/0.5 A AC DC

Ordering details

Type	Scope of supply	Order No.
CG IV	Plug-in module	4 0071 343 971

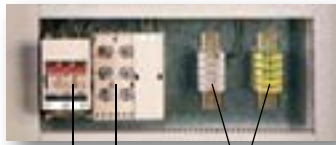
Attention!

The combination of LON module and PD 2 printer in one system is not possible.



EURO ZB.1

Components and Options



1 2 3
Mains distribution board



Mains distribution module
D02-E18

Mains distribution board

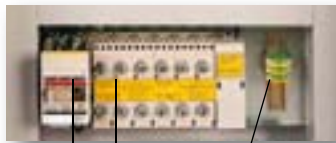
The mains supply to a EURO ZB.1/52 system comes via a modular mains distribution board. This includes a size 00C load disconnecter (1) with a maximum conductor size of 50 mm² and allows the connection of up to 6 slave stations to modular size D02-E18 outgoing mains circuits (2) with the necessary terminals for neutral and ground (3).

The same mains distribution boards must also be used three-phase for feeders to powerful slave stations (accommodates up to 2 slave stations in this case). The components are simply plugged on from the front and securely contacted.

Current rating	63 A
Rated operating voltage	400 V
Box terminal for circulator conductor	to 16 mm ²
Material	Polyamide (PA 6.6), 30 % glass-fibre-reinforced
Scope of supply	incl. 3 pcs. screw caps E18 and 3 pcs. D02-fuse inserts 25 A

Ordering details

Type	Scope of supply	Order No.
Mains distribution module for track mounting	incl. 3 pcs. screw caps E18 and 3 pcs. D02-fuse inserts 25 A	4 0071 347 160



1 2 3
Battery distribution board



Battery distribution module
D02-E18

Battery distribution board

The battery supply to a EURO ZB.1/52 system comes via a modular battery distribution board. This includes a size 00C load disconnecter (1) with a maximum conductor size of 50 mm² and allows the connection of up to 6 slave stations to modular size D02-E18 outgoing battery circuits (2) with related terminals for ground (3). The components are simply plugged on from the front and securely contacted.

Current rating	63 A
Rated operating voltage	400 V
Box terminal for circulator conductor	to 16 mm ²
Material	Polyamide (PA 6.6), 30 % glass-fibre-reinforced
Scope of supply	incl. 2 pcs. screw caps E18 and 2 pcs. D02-fuse inserts 25 A

Ordering details

Type	Scope of supply	Order No.
Battery distribution module for track mounting	incl. 2 pcs. screw caps E18 and 2 pcs. D02-fuse inserts 25 A	4 0071 347 161

Cover strip

Busbar guard: Cover strip for clip-mounting to the trunking section. Ready cut to module width. Material: Hard PVC.

Ordering details

Type	Scope of supply	Order No.
Busbar cover strip	Cover strip in module width for clip mounting at the trunking section	4 0071 347 192

EURO ZB.1

Components and Options



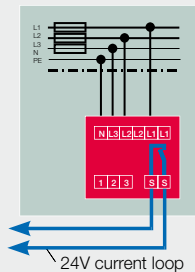
Three-phase monitor

Three-phase monitor

When one phase fails, the module switches a relay contact and interrupts the standard electronic 24 V current loop in the EURO ZB.1 cover and/or the EURO/US substation. The emergency luminaires in non-maintained mode are switched to mains operation if the mains voltage still applies to the EURO ZB.1 cover (HVS).

Dimensions mm (H x W x D)	85 x 52.5 x 65
Enclosure	Plastic
Connection terminals	2.5 mm ² rigid and flexible
Type of mounting	DIN rail
Contact	0.5 A/24 V AC/DC, 1 x open contact, 1 x changeover contact

Subdistribution with 3-phase-monitor



Ordering details

Type	Scope of supply	Order No.
Three-phase monitoring	Module ready for mounting	4 0071 343 430



F3 remote indication

F3 remote indication

Operating from a battery supply, the F3 remote indication ensures the display of important operational information also in a mains fail condition. By means of the built-in key-operated switch, the connected EURO ZB.1 covers can be centrally put out of operation. Thereby, the F3 remote indication permits remote control only if operation by unauthorized persons is prevented.

Connection terminals wall surface-mounting	2.5 mm ² rigid and flexible
Dimensions mm (H x W x D)	160 x 80 x 55
Connection terminals recessed	1.5 mm ² rigid or 1 mm ² flexible
Dimensions mm (H x W x D)	80 x 80 x 55

Ordering details

Type	Scope of supply	Order No.
F3 remote indication	Module surface-mounting	4 0071 338 497
F3 remote indication recessed	Performance for installation in the flush-mounted switch or empty space box acc. to DIN VDE 0606	4 0071 347 490



F3 remote indication recessed

EURO ZB.1

Components and Options



Charging module LT.1 2.5 A

Charging module LT.1 2.5 A

The charging module is designed for the recharge of 220 V lead-acid accumulators. The charge current is 2.5 A. For higher battery capacities additional boost charging units are used each of which delivers 2.5 A. The charging boosters are triggered via the LT 2.5.

Via the volt-free indicator contacts of the charging module messages such as failure, insulation fault and boost charge can be transmitted. A display on the module indicates the residual battery capacity. (Capacity >10 %, >50 %, 100 %).

The integrated earth leakage monitor signals a conductive connection between battery+ and PE or battery- and PE.

Charging characteristic	IU
Terminals	2.5 mm ² rigid and flexible
Fusing mains	6.3 AT/250 V/5 x 20
Fusing battery	3.15 AT/250 V/5 x 20
End-of-charge voltage	boost charge 259.2 V DC trickle charge 248.4 V DC
Max. charging current	charging module LT 2.5 2.5 A booster 2.5 A
Deep discharge protection	183.6 V DC
Potential-free signal contacts	0.5 A/24 V AC/DC

Ordering details

Type	Scope of supply	Order No.
LT.1 2,5 A	Plug-in module	4 0071 346 555
Charging module 2.5	Separate module	4 0071 346 345

EURO ZB.1

Components and Options



Charging booster 2.5 A

Charging booster

As well as the charging module of the central battery system, boost chargers must be individually installed to achieve the battery recharge time required by statute for configured battery sets. The number of additional boosters that are required for your configuration can be found in table 3 (acc. to DIN EN50171) of this chapter.

Charge current	2.5 A
The booster must be used in conjunction with the LT.1 charger (4 0071 346 555)	
The booster cuts in when boost charging is active and the charging voltage is < 247 V	

Ordering details

Type	Scope of supply	Order No.
Charging booster	Charging booster 2.5 A (only in conjunction with LT.1 charger, Order No. 4 0071 346 555)	4 0071 346 345



Booster rack, 4-way

Booster rack

A 4-way booster rack with 3-phase supply is mounted in system type EURO ZB.1/52. This is for supplying 2.5 A boost chargers only! The optional 2-way booster rack can be used to expand the system to 6 slots.

Connection voltage	400 V AC/220 V DC
Slots 3-phase split	
Conductor size	max. 4 mm ²

Ordering details

Type	Scope of supply	Order No.
Booster rack 4-way	Unit accommodates 4 booster chargers 2.5 A for EURO ZB.1/52	4 0071 347 043
Booster rack 2-way	Unit accommodates 2 additional booster chargers 2.5 A (only in connection with 4 0071 347 043)	4 0071 347 130



Booster rack, 2-way

Booster rack, compact

The compact version of the booster rack is intended for use in EURO ZB.1 compact systems. The single compact booster rack has been designed for EURO ZB.1/20K and 204K, the double compact booster rack for system types EURO ZB.1/26K and 264K respectively. These are for supplying the 2.5 A boost chargers only!

Connection voltage	230 V AC/220 V DC
Conductor size	max. 2.5 mm ²

Ordering details

Type	Scope of supply	Order No.
Booster rack 1-way	Unit accommodates 1 booster chargers 2.5 A compact for EURO ZB.1/20K and 204K	4 0071 347 167
Booster rack 2-way	Unit accommodates 2 booster chargers 2.5 A compact for EURO ZB.1/26K and 264K	4 0071 347 130



Booster rack 1-way compact