

44 (23) EX - CONTROL STATION

EEx d e ia/ib m (ia/ib) IIC T6 Zones 1, 2, 21, 22



Type 44 23

Technical data

Type 444 with up to 6 built-in components

Marking to 94/9/EC	II 2 G II 2 D T80 °C*
Type of protection	EEx d e ia/ib m [ia/ib] IIC T6
EC-Type Examination Certificate	PTB 99 ATEX 1044
Rated voltage	up to 690 V
Rated current	max. 40 A
Degree of protection acc. to EN 60529	IP 66 (list version) IP 65 with measuring instrument AM45, double pushbutton
PE-Connection terminals	2 x 4 mm ²
Connection terminals	max. 20 terminal UK3 N
Cable entry	as ordered, acc. to manufacturer's specifications
Empty weight	approx. 1.5 kg (incl. folding mounting framework)
Mounting arrangement	distance 40 = 6 mounting areas distance 50 = 6 mounting areas distance 60 = 6 mounting areas

depending on configuration

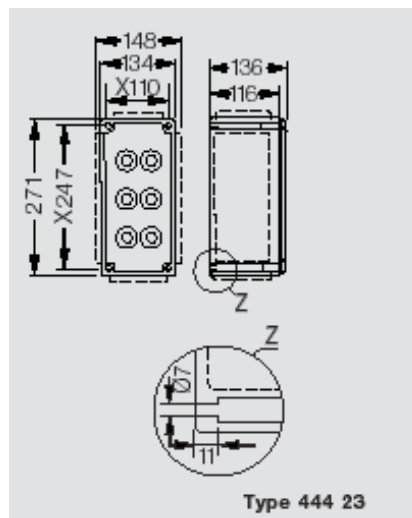
Ordering code:	A	B	C	D
Designation:	Control stations	Components	Labels	Cable entries
Code	444 23	(DRT ...)	(ZUB ...)	(GEH ...)

Built-in components

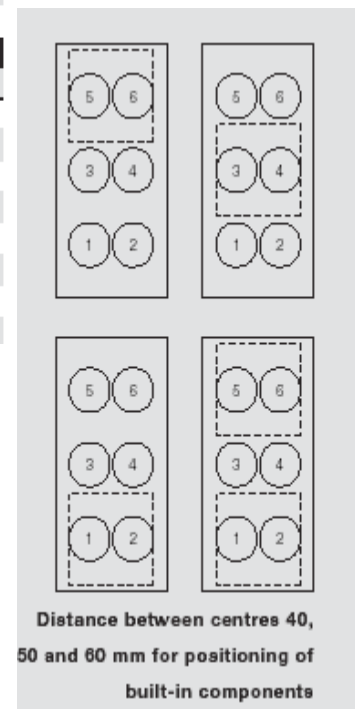
Component	Code	Component	Code
Pushbutton	DRT	Measuring instrument	AM72 ¹⁾
Double pushbutton	DDT	Measuring instrument	AM45
Key-operated pushbutton	SLT	Blanking element	BLV
Key switch	SLS	Control switch	GHG 23 ¹⁾
Mushroom-head pushbutton	SGT	Control switch	GHG 29 ¹⁾
Control switch	SCT	Terminal (4 mm ²)	KLM ... A ²⁾
Signal lamp	SIL	Terminal block (4 mm ²)	KLM ... B
Potentiometer	POT		

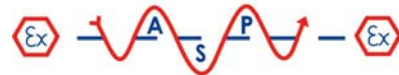
- 1) 2 mounting areas are needed for measuring instrument AM72 and control switch GHG 23.
- 2) Terminal blocks and PE-terminals are attached to terminal rail under the fold-out mounting frame.

Optional wiring of control units on standard terminals according to customers' specifications.

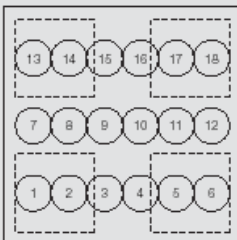


Type 444 23

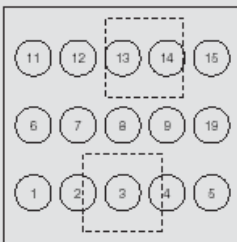




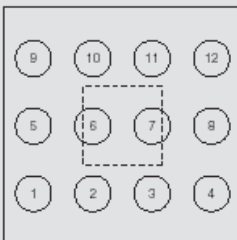
48 (23) EX- CONTROL STATION ZONES 1, 2, 21 & 22 EEx d e ia/ib m (ia/ib) IIC T6



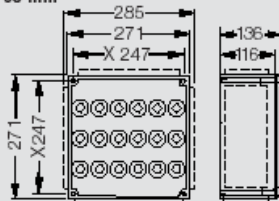
Distance between centres
40 mm



Distance between centres
50 mm



Distance between centres
60 mm



Type 448 23

Technical data

Type 448 with up to 18 built-in components

Marking to 94/9/EC:	Ex II 2 G Ex II 2 D T80 °C*
Type of protection	EEx d e ia/ib m [ia/ib] IIC T6
EC-Type Examination Certificate	PTB 99 ATEX 1044
Rated voltage	up to 690 V
Rated current	max. 40 A
Degree of protection acc. to EN 60529	IP 66 (list version) IP 65 with measuring instrument AM45, double pushbutton
PE-Connection terminals	2 x 4 mm ²
Connection terminals	max. 30 terminal UK3 N
Cable entry	as ordered, acc. to manufacturer's specifications
Empty weight	approx. 2.5 kg (incl. folding mounting framework)
Mounting arrangement	distance 40 = 18 mounting areas distance 50 = 15 mounting areas distance 60 = 12 mounting areas

*depending on configuration

Ordering code:	A	B	C	D
Designation:	Control stations	Components	Labels	Cable entries
Code	448 23	(DRT ...)	(ZUB ...)	(GEH ...)

Built-in components

Component	Code	Component	Code
Pushbutton	DRT	Measuring instrument	AM72 ¹⁾
Double pushbutton	DDT	Measuring instrument	AM45
Key-operated pushbutton	SLT	Blanking element	BLV
Key switch	SLS	Control switch	GHG 23 ¹⁾
Mushroom-head pushbutton	SGT	Control switch	GHG 29 ¹⁾
Control switch	SCT	Terminal (4 mm ²)	KLM ... A ²⁾
Signal lamp	SIL	Terminal block (4 mm ²)	KLM ... B
Potentiometer	POT		

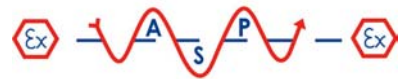
¹⁾ Up to 6 mounting areas are needed for measuring instrument AM72, control switch GHG 23 and GHG 29.

²⁾ Terminal blocks and PE-terminals are attached to terminal rail under the fold-out mounting frame.

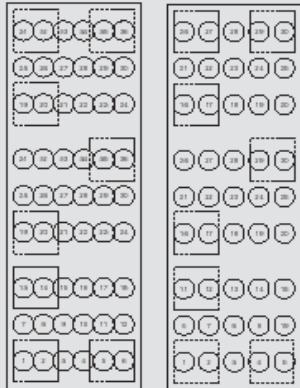
Optional wiring of control units on standard terminals according to customers' specifications.
For components, accessories and cable entries, please see page 6.52.

x = fixing dimensions Dimensions in mm

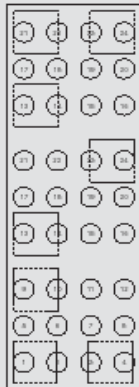




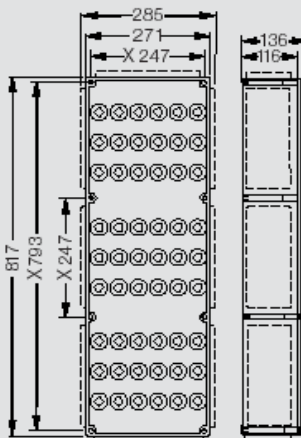
47 (23) EX- CONTROL STATION ZONES 1, 2, 21 & 22 EEx d e ia/ib m (ia/ib) IIC T6



Distance between centres 40 mm
Distance between centres 50 mm



Distance between centres 60 mm



Type 447 23

x = fixing dimensions

Dimensions in mm



Type 447 23

Technical data

Type 447 23, up to 54 built-in components

Marking to 94/9/EC	II 2 G II 2 D T80 °C*
Type of protection	EEx d e ia/ib m (ia/ib) IIC T6
EC-Type Examination Certificate	PTB 99 ATEX 1044
Rated voltage	up to 690 V
Rated current	max. 40 A
Degree of protection acc. to EN 60529	IP 66 (list version) IP 65 with measuring, double pushbutton
PE-Connection terminals	2 x 4 mm ²
Connection terminals	max. 90 terminal UK3 N
Cable entry	as ordered, acc. to manufacturer's specifications
Empty weight	approx. 6.5 kg (incl. folding mounting framework)
Mounting arrangement	distance 40 = 54 mounting areas distance 50 = 45 mounting areas distance 60 = 36 mounting areas

*depending on configuration

Ordering code:	A	B	C	D
Designation:	Control stations	Components	Labels	Cable entries
Code	447 23	(DRT ...)	(ZUB ...)	(GEH ...)

Built-in components

Component	Code	Component	Code
Pushbutton	DRT	Measuring instrument	AM72 ¹⁾
Double pushbutton	DDT	Measuring instrument	AM45
Key-operated pushbutton	SLT	Blanking element	BLV
Key switch	SLS	Control switch	GHG 23 ¹⁾
Mushroom-head pushbutton	SGT	Control switch	GHG 29 ¹⁾
Control switch	SCT	Terminal (4 mm ²)	KLM ... A ²⁾
Signal lamp	SIL	Terminal block (4 mm ²)	KLM ... B
Potentiometer	POT		

¹⁾ Up to 6 mounting areas are needed for measuring instrument AM72, control switch GHG 23 and GHG 29.

²⁾ Terminal blocks and PE-terminals are attached to terminal rail under the fold-out mounting frame.

Optional wiring of control units on standard terminals according to customers' specifications.

Supplied by:

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