

CTB41

Window-type current transformer



Device features

- Window-type current transformer
- Screwless-type connection technique
- Maintenance-free, gas-tight connection
- Max. operating voltage up to 1.2 kV
- Can also be used in 690 V systems
- Unbreakable plastic enclosure, self-extinguishing, UL94-V0, flame-resistant

Standards

The window-type current transformer CTB41 was designed in accordance with the following standards: DIN EN 60044/1 and VDE 0414 Part 1.

Further information

For further information refer to our product range on www.bender.de.

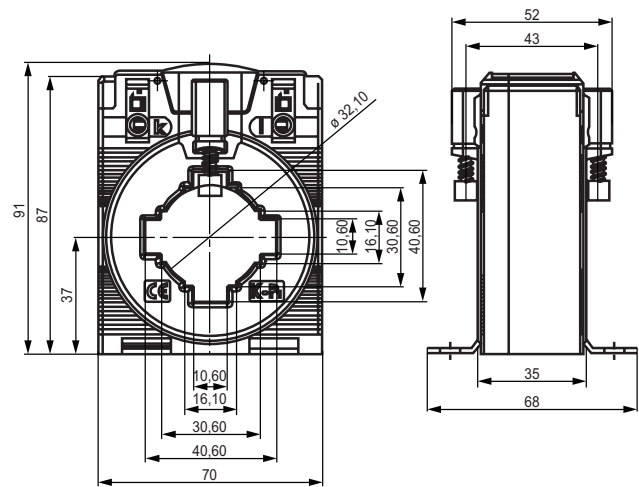
Ordering information

Primary current	Secondary current	Accuracy	Type	Design	Art. No.
60	5	1	WL605 KL.1	CTB41	B 9808 6001
60	1	1	WL60-1 KL.1	CTB41	B 9808 6002
75	5	1	WL755 KL.1	CTB41	B 9808 6003
75	1	1	WL75-1 KL.1	CTB41	B 9808 6004
125	5	0.5	WL1255 KL.0,5	CTB41	B 9808 6005
125	1	0.5	WL125-1 KL.0,5	CTB41	B 9808 6006
125	5	1	WL125-5 KL.1	CTB41	B 9808 6007
125	1	1	WL125-1 KL.1	CTB41	B 9808 6008
150	5	0.5	WL1505 KL.0,5	CTB41	B 9808 6009
150	1	0,5	WL150-1 KL.0,5	CTB41	B 9808 6010
150	5	1	WL150-5 KL.1	CTB41	B 9808 6011
150	1	1	WL150-1 KL.1	CTB41	B 9808 6012
200	5	0.5	WL2005 KL.0,5	CTB41	B 9808 6013
200	1	0.5	WL200-1 KL.0,5	CTB41	B 9808 6014
200	5	1	WL200-5 KL.1	CTB41	B 9808 6015
200	1	1	WL200-1 KL.1	CTB41	B 9808 6016
250	5	0.5	WL2505 KL.0,5	CTB41	B 9808 6017
250	1	0.5	WL250-1 KL.0,5	CTB41	B 9808 6018
250	5	1	WL250-5 KL.1	CTB41	B 9808 6019
250	1	1	WL250-1 KL.1	CTB41	B 9808 6020
300	5	0.5	WL3005 KL.0,5	CTB41	B 9808 6021
300	1	0.5	WL300-1 KL.0,5	CTB41	B 9808 6022
300	5	1	WL300-5 KL.1	CTB41	B 9808 6023
300	1	1	WL300-1 KL.1	CTB41	B 9808 6024
400	1	0.5	WL400-1 KL.0,5	CTB41	B 9808 6025
400	5	1	WL400-5 KL.1	CTB41	B 9808 6026
400	5	0.5	WL400-5 KL.0,5	CTB41	B 9808 6027
400	1	1	WL400-1 KL.1	CTB41	B 9808 6028
500	5	1	WL500-5 KL.1	CTB41	B 9808 6029
500	5	0.5	WL500-5 KL.0,5	CTB41	B 9808 6031
500	1	1	WL500-1 KL.1	CTB41	B 9808 6032
500	1	0.5	WL500-1 KL.0,5	CTB41	B 9808 6033

Technical data

Rated continuous thermal current I_{th}	1.2 x I_N
Rated short-time thermal current I_{th}	60 x I_N , 1 s
Max. operating voltage U_m	1.2 kV, U_{eff}
Insulation test voltage	6 kV, U_{eff} , 50 Hz, 1 min
Nominal frequency	50/60 Hz
Insulation class	E
Operating temperature	-5...50 °C

Dimension diagram (dimensions in mm)



Dimensions (mm)	
Busbar 1	40 x 10
Busbar 2	30 x 15
Circular conductor	32
Overall width	70
Installation height	91
Overall depth	52



CTB51

Window-type current transformer



Device features

- Window-type current transformer
- Screwless-type connection technique
- Maintenance-free, gas-tight connection
- Max. operating voltage up to 1.2 kV
- Can also be used in 690 V systems
- Unbreakable plastic enclosure, self-extinguishing, UL94-V0, flame-resistant

Standards

The window-type current transformer CTB51 was designed in accordance with the following standards: DIN EN 60044/1 and VDE 0414 Part 1.

Further information

For further information refer to our product range on www.bender.de.

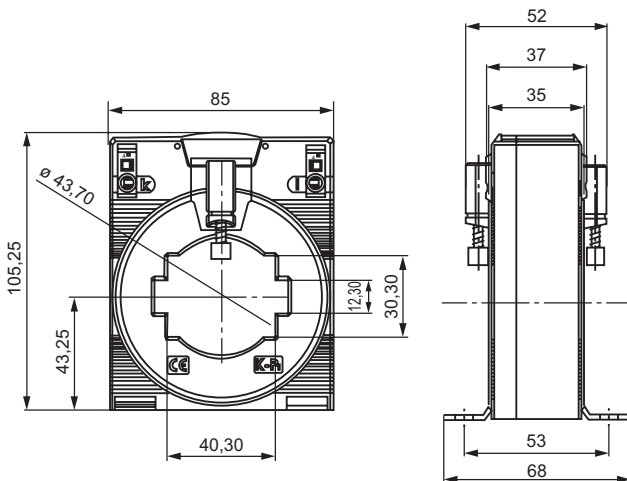
Ordering information

Primary current	Secondary current	Accuracy	Type	Design	Art. No.
600	5	1	WL600-5 KL.1	CTB51	B 9808 6034
600	5	0.5	WL600-5 KL.0,5	CTB51	B 9808 6035
600	1	1	WL600-1 KL.1	CTB51	B 9808 6036
600	1	0.5	WL600-1 KL.0,5	CTB51	B 9808 6037
800	5	1	WL800-5 KL.1	CTB51	B 9808 6038
800	5	0.5	WL800-5 KL.0,5	CTB51	B 9808 6039
800	1	1	WL800-1 KL.1	CTB51	B 9808 6040
800	1	0.5	WL800-1 KL.0,5	CTB51	B 9808 6041
1000	5	1	WL1000-5 KL.1	CTB51	B 9808 6042
1000	5	0.5	WL1000-5 KL.0,5	CTB51	B 9808 6043
1000	1	1	WL1000-1 KL.1	CTB51	B 9808 6044
1000	1	0.5	WL1000-1 KL.0,5	CTB51	B 9808 6045

Technical data

Rated continuous thermal current I_{cth}	1.2 x I_N
Rated short-time thermal current I_{th}	60 x I_N , 1 s
Max. operating voltage U_m	1.2 kV, U_{eff}
Insulation test voltage	6 kV, U_{eff} , 50 Hz, 1 min
Nominal frequency	50/60 Hz
Insulation class	E
Operating temperature	-5...50 °C

Dimension diagram (dimensions in mm)



Dimensions (mm)	
Busbar 1	50 x 12
Busbar 2	40 x 30
Circular conductor	44
Overall width	85
Installation height	105.25
Overall depth	52

KBR18

Split-core type current transformer



Device features

- Split-core type current transformer (mounting without disconnecting the primary conductor)
- Incl. connecting cable (2.5 m)
- Max. operating voltage up to 0.72 kV

Standards

The split-core type current transformer KBR18 was designed in accordance with the following standards: DIN EN 60044/1 and VDE 0414 Part 1.

Further information

For further information refer to our product range on www.bender.de.

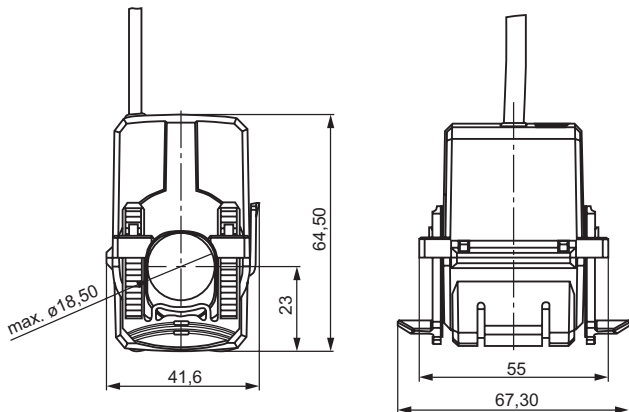
Ordering information

Primary current	Secondary current	Accuracy	Type	Design	Art. No.
50	1	3F55	WLS501 KL3F55	KBR18	B 9808 6046
100	1	3F55	WLS1001 KL.3F55	KBR18	B 9808 6047
150	1	3F55	WLS1501 KL.3F55	KBR18	B 9808 6048

Technical data

Rated continuous thermal current I_{cth}	1.2 x I_N
Rated short-time thermal current I_{th}	60 x I_N , 1 s
Max. operating voltage U_m	0.72 kV, U_{eff}
Insulation test voltage	3 kV, U_{eff} , 50 Hz, 1 min
Nominal frequency	50 Hz
Insulation class	E
Operating temperature	-5...50 °C

Dimension diagram (dimensions in mm)



Dimensions (mm)	
Circular conductor	18
Overall width	41.6
Installation height	64.5
Overall depth incl. fixing clips	67.3

KBR32

Split-core type current transformer



Device features

- Split-core type current transformer (mounting without disconnecting the primary conductor)
- Incl. connecting cable (2.5 m)
- Max. operating voltage up to 0.72 kV

Standards

The split-core type current transformer KBR32 was designed in accordance with the following standards: DIN EN 60044/1 and VDE 0414 Part 1.

Further information

For further information refer to our product range on www.bender.de.

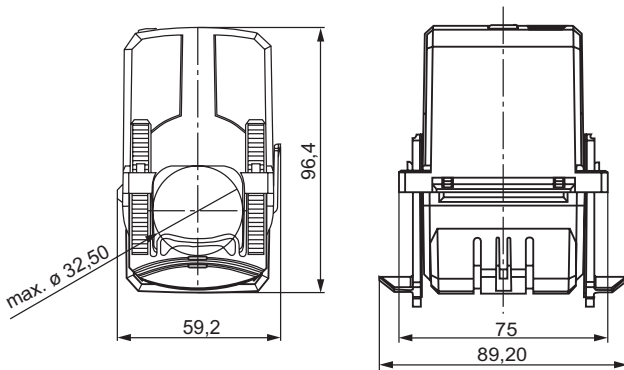
Ordering information

Primary current	Secondary current	Accuracy	Type	Design	Art. No.
250	1	3F55	WLS2501 KL.3F55	KBR32	B 9808 6049
500	1	3F55	WLS5001 KL.1F55	KBR32	B 9808 6050

Technical data

Rated continuous thermal current I_{cth}	1.2 x I_N
Rated short-time thermal current I_{th}	60 x I_N , 1 s
Max. operating voltage U_m	0.72 kV, U_{eff}
Insulation test voltage	3 kV, U_{eff} , 50 Hz, 1 min
nominal frequency	50 Hz
Insulation class	E
Operating temperature	-5...50 °C

Dimension diagram (dimensions in mm)



Dimensions (mm)	
Circular conductor	32.5
Overall width	59.2
Installation height	96.4
Overall depth incl. fixing clips	89.2