

MEDIUM VOLTAGE PRODUCT

KOKM for GIS

Indoor cable current transformers



Contents

03	Contents
04 – 05	KOKM 1 EB, KOKM 1 ED, KOKM 1 DB
06 - 07	KOKM 1 LH, KOKM 1 NJ
08 - 09	KOKM 1 CG, KOKM 1 DG, KOKM 1 EG, KOKM 1 GG
10 -11	KOKM 1 GA, KOKM 1 ID, KOKM 1 IE
12 –13	KOKM 1 FB
14 –15	KOKM 1 DA
16 – 17	KOKM 1 LN
18 -19	KOKM 06 LM, KOKM 06 NN
20 – 21	KOKM 072 EF
22 – 23	KOKM 072 ER
24 – 25	KOKM PG03

KOKM 1 EB, KOKM 1 ED, KOKM 1 DB

Technical parameters	Transformer type: KOKM 1 EB KOKM 1 ED KOKM 1 DB
Highest voltage for equipment, $\mathbf{U}_{_{\mathrm{m}}}$	1.2 kV
Rated power-frequency withstand voltage	6 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 – 1 250 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, $I_{\rm th}$	max. 50 kA/1s
Rated dynamic current, I _{dyn}	2.5 × I _{th} kA
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	3

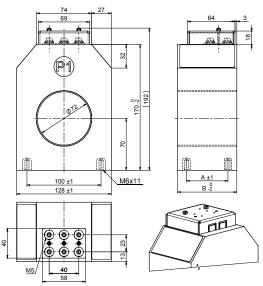
KOKM 1 EB, KOKM 1 ED and KOKM 1 DB – are indoor, cable, low-voltage current transformers in resin insulation. These types are suitable for the measurement of phase currents. A busbar or cable serves as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 1.2 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. Inner diameter of EB/ED is 72 mm and DB 60 mm.

Identification for customer:

KOKM 1 EB RC01 KOKM 1 ED RC02

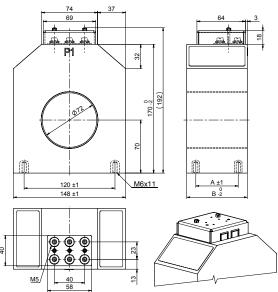


KOKM 1 EB



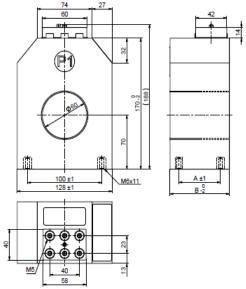
DRAWING NUMBER	TYPE	A [mm]	B [mm]
1VL4900356R0101	KOKM 1 EB 8	56	80
1VL4900356R0102	KOKM 1 EB 10	76	100
1VL4900356R0103	KOKM 1 EB 12	96	120
1VL4900356R0104	KOKM 1 EB 14	116	140
1VL4900356R0105	KOKM 1 EB 16	136	160
1VL4900356R0106	KOKM 1 EB 18	156	180
1VL4900356R0107	KOKM 1 EB 20	176	200
1VL4900356R0108	KOKM 1 EB 22	196	220

KOKM 1 ED



DRAWING NUMBER	TYPE	A [mm]	B [mm]
1VL4900355R0101	KOKM 1 ED 8	56	80
1VL4900355R0102	KOKM 1 ED 10	76	100
1VL4900355R0103	KOKM 1 ED 12	96	120
1VL4900355R0104	KOKM 1 ED 14	116	140
1VL4900355R0105	KOKM 1 ED 16	136	160
1VL4900355R0106	KOKM 1 ED 18	156	180

KOKM 1 DB V2



DRAWING NUMBER	TYPE	A [mm]	B [mm]
1VL4900433R0101	KOKM 1 DB 8 V2	56	80
1VL4900433R0102	KOKM 1 DB 10 V2	76	100
1VL4900433R0103	KOKM 1 DB 12 V2	96	120
1VL4900433R0104	KOKM 1 DB 14 V2	116	140
1VL4900433R0105	KOKM 1 DB 16 V2	136	160
1VL4900433R0106	KOKM 1 DB 18 V2	156	180
1VL4900433R0107	KOKM 1 DB 20 V2	176	200
1VL4900433R0108	KOKM 1 DB 22 V2	196	220

KOKM 1 LH, KOKM 1 NJ

Technical parameters	Transformer type: KOKM 1 LH KOKM 1 NJ
Highest voltage for equipment, $U_{_{\rm m}}$	1.2 kV
Rated power-frequency withstand voltage	6 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 – 1 250 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, $I_{\rm th}$	max. 50 kA/1s
Rated dynamic current, I _{dyn}	2.5 × I _{th} kA
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	5

KOKM 1 LH and KOKM 1 NJ – are the indoor, cable, low-voltage current transformers in resin insulation. These types are suitable for the measurement of phase currents. A busbar or low-voltage cable serves as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 1.2 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. Type LH has inner diameter 130 mm and type NJ has inner diameter 155 mm.

Identification for customer:

KOKM1LH RC05 KOKM1NJ RC06

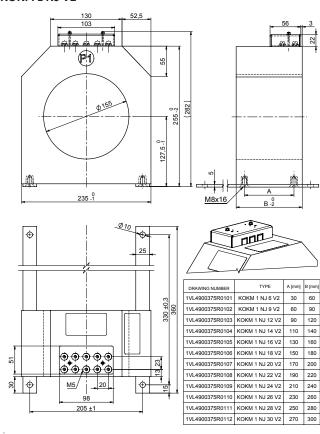


KOKM 1 LH V2 Φ130 245 127,5-1 M Ø10 | Φ 1VL4900372R0101 KOKM 1 LH 6 V2 30 60 330 ±0,3 360 1VL4900372R0102 KOKM 1 LH 9 V2 60 1VL4900372R0103 KOKM 1 LH 12 V2 120 1VL4900372R0104 KOKM 1 LH 14 V2 1VL4900372R0105 KOKM 1 LH 16 V2 160 **0**0000 1VL4900372R0106 KOKM 1 LH 18 V2 180 200 IVL4900372R0108 KOKM 1 LH 22 V2 **⊕** Φ-1VL4900372R0109 KOKM 1 LH 24 V2 210 240 1VL4900372R0110 KOKM 1 LH 26 V2 230 260 1VL4900372R0111 KOKM 1 LH 28 V2 250 280

KOKM 1 NJ V1

Φ Ф ₽ M8x16 P1 φ155 240 - 2 (268) 120 9 215 1VL4900374R0101 KOKM 1 NJ 6 V1 30 60 1VL4900374R0102 KOKM 1 NJ 9 V1 60 90 1VL4900374R0103 KOKM 1 NJ 12 V1 90

KOKM 1 NJ V2



${\sf KOKM\,1\,CG,\,KOKM\,1\,DG,\,KOKM\,1\,EG,\,KOKM\,1\,GG}$

Technical parameters	Transformer type: KOKM 1 CG KOKM 1 DG KOKM 1 EG KOKM 1 GG
Highest voltage for equipment, $\mathbf{U}_{_{\mathrm{m}}}$	1.2 kV
Rated power-frequency withstand voltage	6 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 – 2 500 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, $I_{\rm th}$	max. 63 kA/1s
Rated dynamic current, I _{dyn}	2.5 × I _{th} kA
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	4

KOKM 1 CG, KOKM 1 DG, KOKM 1 EG and KOKM 1

GG – are indoor, cable, low-voltage current transformers in resin insulation. These types are suitable for the measurement of phase currents.

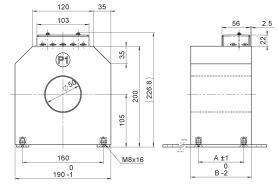
A busbar or low-voltage cable serves as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 1.2 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. Inner diameter of CG is 50 mm, DG 60 mm, EG 70 mm and GG 90 mm.

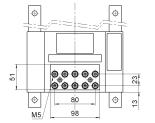
Identification for customer:

KOKM 1 CG	RC17
KOKM 1 DG	RC18
KOKM 1 EG	RC04
KOKM 1 GG	RC19



KOKM 1 CG

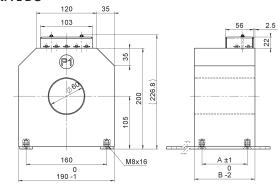


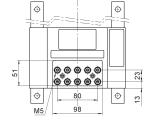




DRAWING NUMBER	TYPE	A [mm]	B [mm]
2RKA019974A0001	KOKM 1 CG 6	30	60
2RKA019974A0002	KOKM 1 CG 9	60	90
2RKA019974A0003	KOKM 1 CG 12	90	120
2RKA019974A0004	KOKM 1 CG 15	120	150
2RKA019974A0005	KOKM 1 CG 20	170	200
2RKA019974A0006	KOKM 1 CG 25	220	250
2RKA019974A0007	KOKM 1 CG 30	270	300

KOKM 1 DG

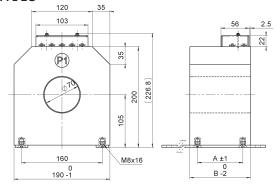


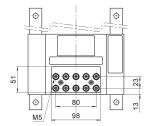


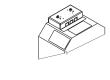


DRAWING NUMBER	TYPE	A [mm]	B [mm]
2RKA019974A0008	KOKM 1 DG 6	30	60
2RKA019974A0009	KOKM 1 DG 9	60	90
2RKA019974A0010	KOKM 1 DG 12	90	120
2RKA019974A0011	KOKM 1 DG 15	120	150
2RKA019974A0012	KOKM 1 DG 20	170	200
2RKA019974A0013	KOKM 1 DG 25	220	250
2RKA019974A0014	KOKM 1 DG 30	270	300

KOKM 1 EG

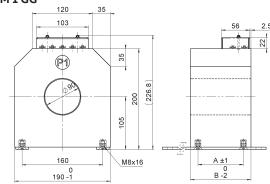


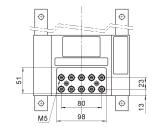




DRAWING NUMBER	TYPE	A [mm]	B [mm]
2RKA019974A0015	KOKM 1 EG 6	30	60
2RKA019974A0016	KOKM 1 EG 9	60	90
2RKA019974A0017	KOKM 1 EG 12	90	120
2RKA019974A0018	KOKM 1 EG 15	120	150
2RKA019974A0019	KOKM 1 EG 20	170	200
2RKA019974A0020	KOKM 1 CG 25	220	250
2RKA019974A0021	KOKM 1 EG 30	270	300

KOKM 1 GG







DRAWING NUMBER	TYPE	A [mm]	B [mm]
2RKA019974A0022	KOKM 1 GG 6	30	60
2RKA019974A0023	KOKM 1 GG 9	60	90
2RKA019974A0024	KOKM 1 GG 12	90	120
2RKA019974A0025	KOKM 1 GG 15	120	150
2RKA019974A0026	KOKM 1 GG 20	170	200
2RKA019974A0027	KOKM 1 GG 25	220	250
2RKA019974A0028	KOKM 1 GG 30	270	300

KOKM 1 GA, KOKM 1 ID, KOKM 1 IE

Technical parameters	Transformer type: KOKM 1 GA KOKM 1 ID KOKM 1 IE
Highest voltage for equipment, $U_{_{\rm m}}$	1.2 kV
Rated power-frequency withstand voltage	6 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 - 1250 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, $I_{\rm th}$	max. 63 kA/1s
Rated dynamic current, I _{dyn}	2.5 × I _{th} kA
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	4

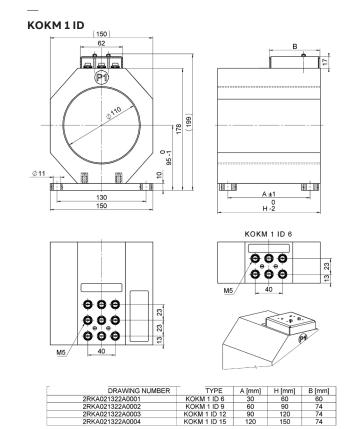
KOKM 1 GA, KOKM 1 ID, KOKM 1 IE – are indoor, cable, low-voltage current transformers in resin insulation. These types are suitable for the measurement of phase currents. A busbar or low-voltage cable serves as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 1.2 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. Inner diameter of ID/IE is 110 mm, GA 90 mm.

Identification for customer:

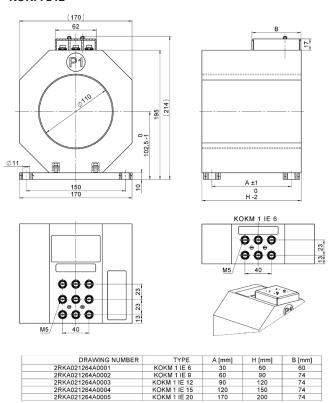
KOKM 1 IE RC13 KOKM 1 GA RC15 KOKM 1 ID RC16



KOKM 1 GA (P1) 179 158 11 1 1 0 H -2 KOKM 1 GA 6 9 9 9 $\Theta \Theta \Theta$ M5 000 23 $\Theta \Theta \Theta$ 23 000 40 DRAWING NUMBER 2RKA021311A0001 2RKA021311A0002 2RKA021311A0003 2RKA021311A0004 2RKA021311A0005 TYPE KOKM 1 GA 6 KOKM 1 GA 9 KOKM 1 GA 12 KOKM 1 GA 15 KOKM 1 GA 20



KOKM 1 IE



KOKM 1 FB

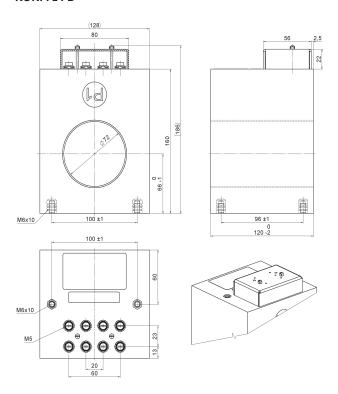
Technical parameters	Transformer type: KOKM 1 FB
Highest voltage for equipment, U _m	1.2 kV
Rated power-frequency withstand voltage	6 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 - 1250 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, \boldsymbol{I}_{th}	max. 63 kA/1s
Rated dynamic current, I _{dyn}	$2.5 \times I_{th} kA$
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	4

KOKM 1 FB – is indoor, cable, low-voltage current transformer in resin insulation. This type is suitable for the measurement of phase currents. A busbar or low-voltage cable serves as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 1.2 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. Inner diameter is 72 mm.

Identification for customer: KOKM 1 FB RC12



KOKM 1 FB



KOKM 1 DA

Technical parameters	Transformer type: KOKM 1 DA
Highest voltage for equipment, U _m	1.2 kV
Rated power-frequency withstand voltage	6 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 - 1250 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, I _{th}	max. 63 kA/1s
Rated dynamic current, I _{dyn}	2.5 × I _{th} kA
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	4

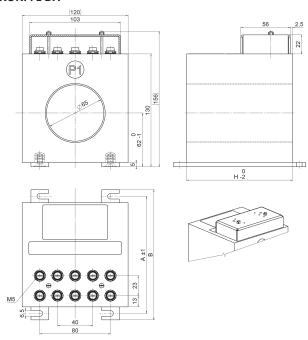
KOKM 1 DA – is indoor, cable, low-voltage current transformer in resin insulation. This type is suitable for the measurement of phase currents.

A busbar or low-voltage cable serves as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 1.2 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. Inner diameter is 65 mm.

Identification for customer: KOKM 1 DA RC14



KOKM 1 DA



DRAWING NUMBER	TYPE	A [mm]	B [mm]	H [mm]
2RKA021295A0001	KOKM 1 DA 6	75	90	60
2RKA021295A0002	KOKM 1 DA 9	105	120	90
2RKA021295A0003	KOKM 1 DA 12	135	150	120
2RKA021295A0004	KOKM 1 DA 15	165	180	150

KOKM 1 LN

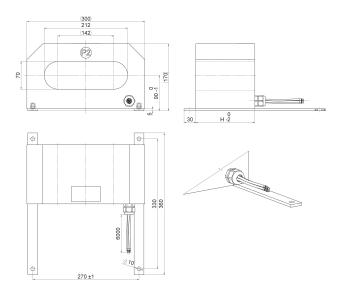
Technical parameters	Transformer type: KOKM 1 LN
Highest voltage for equipment, U _m	1.2 kV
Rated power-frequency withstand voltage	6 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 - 1250 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, $I_{\rm th}$	max. 63 kA/1s
Rated dynamic current, I _{dyn}	2.5 × I _{th} kA
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	4

KOKM 1 LN – is indoor, cable, low-voltage current transformer in resin insulation. This type is are suitable for the measurement of phase currents. A busbar or low-voltage cable serves as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 1.2 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage.

Identification for customer: KOKM 1 LN RC07



KOKM 1 LN



DRAWING NUMBER	TYPE	H [mm]
2RKA021336A0001	KOKM 1 LN 6	60
2RKA021336A0002	KOKM 1 LN 9	90
2RKA021336A0003	KOKM 1 LN 12	120
2RKA021336A0004	KOKM 1 LN 15	150
2RKA021336A0005	KOKM 1 LN 20	200
2RKA021336A0006	KOKM 1 LN 25	250
2RKA021336A0007	KOKM 1 LN 30	300

KOKM 06 LM, KOKM 06 NN

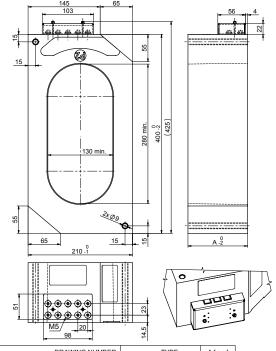
Technical parameters	Transformer type: KOKM 06 LM KOKM 06 NN
Highest voltage for equipment, U _m	0.72 kV
Rated power-frequency withstand voltage	3 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 – 1 500 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, $I_{\rm th}$	max. 50 kA/1s
Rated dynamic current, I _{dyn}	2.5 × I _{th} kA
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	5

KOKM 1 LH and KOKM 1 NN – are window types of indoor, cable, low-voltage current transformers in resin insulation. These types are suitable for the measurement of phase currents and alternatively for three phase currents measurement. A non-insulated busbar or cable serves as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 0.72 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage.

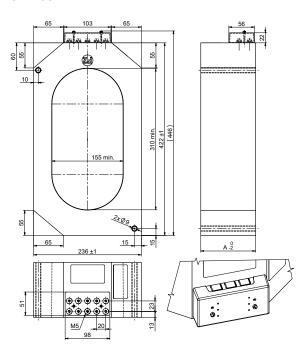
Identification for customer: KOKM 06 LM RC08 KOKM 06 NN RC09



KOKM 06 LM



KOKM 06 NN



DRAWING NUMBER	TYPE	A [mm]
1VL4900396R0101	KOKM 06 NN 6	60
1VL4900396R0102	KOKM 06 NN 9	90
1VL4900396R0103	KOKM 06 NN 12	120
1VL4900396R0104	KOKM 06 NN 14	140
1VL4900396R0105	KOKM 06 NN 16	160
1VL4900396R0106	KOKM 06 NN 18	180
1VL4900396R0107	KOKM 06 NN 20	200
1VL4900396R0108	KOKM 06 NN 22	220
1VL4900396R0109	KOKM 06 NN 24	240
1VI 4900396R0110	KOKM 06 NN 26	260

KOKM 072 EF

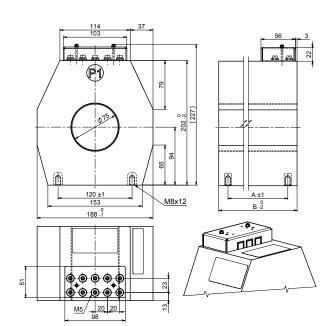
Technical parameters	Transformer type: KOKM 072 EF
Highest voltage for equipment, U _m	0.72 kV
Rated power-frequency withstand voltage	3 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 – 2 500 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, $I_{\rm th}$	max. 50 kA/1s
Rated dynamic current, I _{dyn}	$2.5 \times I_{th} kA$
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	5

KOKM 072 EF – is the indoor, cable, low-voltage current transformer in resin insulation. This type is suitable for the measurement of phase currents and the standard solution has one secondary box with up to 10 secondary terminals. In case there is a need for more secondary terminals the KOKM 072 EF 22 can be optionally equipped with two secondary boxes allowing up to 16 secondary terminals. A busbar or cable serve as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 0.72 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. KOKM 072 EF has inner diameter 75 mm.

Identification for customer: KOKM 072 EF RC10



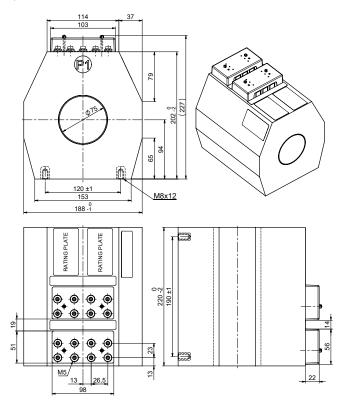
KOKM 072 EF



DRAWING NUMBER	TYPE	A [mm]	B [mm]
1VL4900391R0108	KOKM 072 EF 12	90	120
1VL4900391R0109	KOKM 072 EF 14	110	140
1VL4900391R0110	KOKM 072 EF 15	120	150
1VL4900391R0111	KOKM 072 EF 16	130	160
1VL4900391R0112	KOKM 072 EF 18	150	180
1VL4900391R0113	KOKM 072 EF 20	170	200
1VL4900391R0114	KOKM 072 EF 22	190	220

KOKM 072 EF 22

Special two terminals



KOKM 072 ER

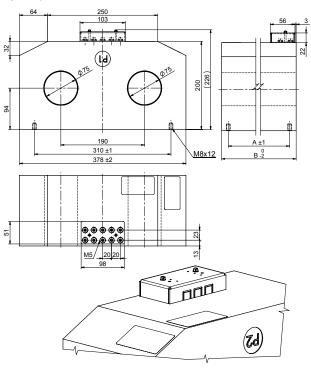
Technical parameters	Transformer type: KOKM 072 ER
Highest voltage for equipment, $U_{_{\rm m}}$	0.72 kV
Rated power-frequency withstand voltage	3 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 – 2 500 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, \boldsymbol{I}_{th}	max. 50 kA/1s
Rated dynamic current, I _{dyn}	$2.5 \times I_{th} kA$
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	5

KOKM 072 ER – is the indoor, cable, low-voltage current transformer in resin insulation. This type is suitable for the measurement of phase currents. A busbar or cable serve as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 0.72 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. KOKM 072 ER is double holed transformer with inner diameter 75 mm.

Identification for customer: KOKM 072 ER RC11



KOKM 072 ER



DRAWING NUMBER	TYPE	A [mm]	B [mm]
1VL4900370R0101	KOKM 072 ER 16	130	160
1VL4900370R0102	KOKM 072 ER 22	190	220

KOKM PG03

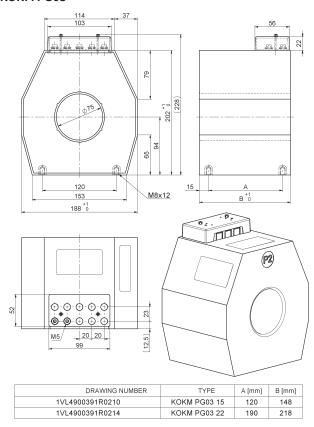
Technical parameters	Transformer type: KOKM PG03
Highest voltage for equipment, U _m	0.72 kV
Rated power-frequency withstand voltage	3 kV
Rated lightning impulse withstand voltage	-
Rated frequency f _R	50 or 60 Hz
Rated primary current, I _{pr}	50 – 2 500 A
Rated secondary current, I _{sr}	1 or 5 A
Extended current rating	1.2 × I _{pr} A
Rated short-time thermal current, \boldsymbol{I}_{th}	max. 50 kA/1s
Rated dynamic current, I _{dyn}	2.5 × I _{th} kA
Conformity with standards	IEC, ANSI, GOST, others on request
Maximal number of cores	5

KOKM PG03 – is the indoor, cable, low-voltage current transformer having a plastic shell box with the transformer's active parts insulated by resin. This type is suitable for the measurement of phase currents. A busbar or cable serve as the primary conductor. Current transformers from the KOKM series can also be used to measure phase currents at voltages higher than 0.72 kV if the insulation of the high-voltage primary conductor fulfils the requirements of the relevant standards related to the working voltage. KOKM PG03 has inner diameter 75 mm.

Identification for customer: KOKM PG03 RC10



KOKM PG03





CONTACT US

ABB s.r.o.

ELDS Brno

Videnska 117, 619 00 Brno, Czech Republic Tel.: +420 547 152 021

+420 547 152 021 +420 547 152 854 Fax: +420 547 152 626 E-mail: kontakt@cz.abb.com NOTE

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