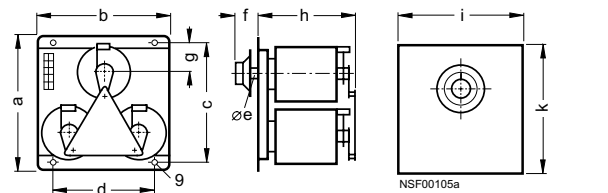


Variable ratio-transformers

Toroidal-core variable ratio-transformers

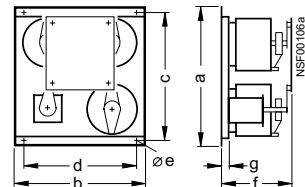
4CJ10 to 4CJ21

IP00 degree of protection
Manual operation



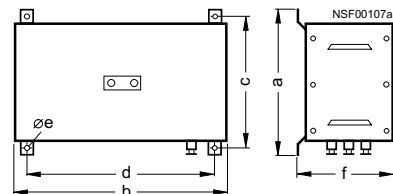
4CJ10 to 4CJ21

with motorized operating mechanism, IP00 degree of protection



4CJ10 to 4CJ21

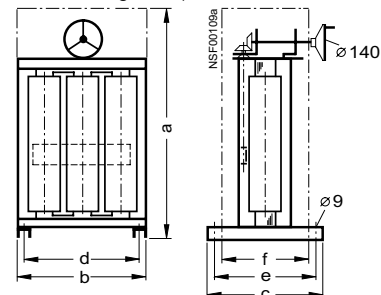
with motorized operating mechanism, IP20 degree of protection



Pillar-type ratio-transformers

4CQ,

with dry self-cooling,
IP00/IP20 degree of protection



Order No. 5th to 7th position	a
050	1000
060	1100
070	1200
080	1300

Examples from the table:
4CQ5 **050**-0BE3

Type	IP00 degree of protection							IP20 degree of protection		
	a	b	c	d	e	f	g	i	k	l
4CJ10	230	200	210	170	6	37	60	170	300	250
4CJ11	265	250	240	210	10	43	56	170	380	290
4CJ20	265	250	240	210	10	43	56	190	380	290
4CJ12	265	250	240	210	10	43	56	220	380	290
4CJ21	350	340	325	300	10	56	80	200	440	280
4CJ13, 4CJ14	350	340	325	300	10	56	80	210	440	280

Type	a	b	c	d	e	f	g
4CJ10	230	240	210	170	7	170	35
4CJ11	350	250	325	210	8.5	180	30
4CJ20	350	250	325	210	8.5	200	30
4CJ12	350	250	325	210	8.5	220	30
4CJ21	350	340	325	300	8.5	210	30
4CJ13, 4CJ14	350	340	325	300	8.5	220	30

Type	a	b	c	d	e	f
4CJ10	360	350	330	270	8.5	250
4CJ11, 4CJ20, 4CJ12	370	420	340	350	8.5	260
4CJ13, 4CJ21, 4CJ14	475	450	445	330	10	295

Order No. 10th position	a	b	c	d	e	f
E or M	see Table left	514	490	460	460	419
G or P		1004	450	935	420	380
Q or S		1004	780	935	740	700

4CQ5 050-0BE3