

Single-Phase Transformers

4AM, 4AT Safety, Isolating, Control and Mains Transformers



4AM, 4AT isolating,
control and mains transformers

With one input voltage

Rated input voltage U_{1N} 440 V $\pm 5\%$,
rated output voltage U_{2N} 230 V



PU (UNIT, SET, M) = 1
PS = 1 unit (You can order this quantity or a multiple thereof.)
PG = 104

Rated power P_n kVA	Short-time rating $P_{short, 1}$ kVA	DT ²⁾	Screw terminals ^{3)/} flat connectors ³⁾		Cu weight per PU approx. kg	Total weight per PU approx. kg	DT ²⁾	Cage Clamp terminals 	Price per PU	Cu weight per PU approx. kg	Total weight per PU approx. kg
			Order No.	Price per PU			Order No.	Price per PU			
Degree of protection IP00, standard version⁴⁾											
0.063	0.19	▶	4AM32 42-5CT10-0FA0		0.240	1.400	B	4AM32 42-5CT10-0FA1		0.240	1.400
0.1	0.31	▶	4AM34 42-5CT10-0FA0		0.260	2.000	B	4AM34 42-5CT10-0FA1		0.260	2.000
0.16	0.49	▶	4AM38 42-5CT10-0FA0		0.320	2.700	B	4AM38 42-5CT10-0FA1		0.320	2.700
0.25	0.85	▶	4AM40 42-5CT10-0FA0		0.590	3.700	B	4AM40 42-5CT10-0FA1		0.590	3.700
0.315	1.12	▶	4AM43 42-5CT10-0FA0		0.670	4.500	B	4AM43 42-5CT10-0FA1		0.670	4.500
0.4	1.44	▶	4AM46 42-5CT10-0FA0		1.100	5.400	B	4AM46 42-5CT10-0FA1		1.100	5.400
0.5	2	▶	4AM48 42-5CT10-0FA0		1.100	7.000	B	4AM48 42-5CT10-0FA1		1.100	7.000
0.63	2.35	▶	4AM52 42-5CT10-0FA0		1.700	7.900	B	4AM52 42-5CT10-0FA1		1.700	7.900
0.8	3.4	▶	4AM55 42-5CT10-0FA0		1.900	11.000	B	4AM55 42-5CT10-0FA1		1.900	11.000
1	5	▶	4AM57 42-5CT10-0FA0		2.000	14.000	B	4AM57 42-5CT10-0FA1		2.000	14.000
1.6	7.3	▶	4AM61 42-5CT10-0FA0		4.100	19.000	B	4AM61 42-5CT10-0FA1		4.100	19.000
2	9.7	▶	4AM64 42-5CT10-0FA0		4.700	23.000	B	4AM64 42-5CT10-0FA1		4.700	23.000
2.5	13.3	B	4AM65 42-5CT10-0FA0		6.400	29.000	B	4AM65 42-5CT10-0FA1		6.400	29.000
4	16	B	4AT30 32-5CT10-0FA0		9.900	30.300	--	--		--	--
5	18.5	B	4AT36 12-5CT10-0FA0		6.900	33.700	--	--		--	--
6.3	22.5	B	4AT36 32-5CT10-0FA0		11.300	39.600	--	--		--	--
8	28.5	B	4AT39 12-5CT10-0FA0		12.800	47.900	--	--		--	--
10	30	B	4AT39 32-5CT10-0FA0		22.100	57.100	--	--		--	--
Degree of protection IP00, standard rail mounting⁴⁾											
0.063	0.19	▶	4AM32 42-5CT10-0FA0		0.240	1.400	B	4AM32 42-5CT10-0FA1		0.240	1.400
0.1	0.31	▶	4AM34 42-5CT10-0FA0		0.260	2.000	B	4AM34 42-5CT10-0FA1		0.260	2.000
0.16	0.49	▶	4AM38 42-5CT10-0FA0		0.320	2.700	B	4AM38 42-5CT10-0FA1		0.320	2.700
0.25	0.85	▶	4AM40 42-5CT10-0FA0		0.590	3.700	B	4AM40 42-5CT10-0FA1		0.590	3.700
0.315	1.12	B	4AM43 42-5CT10-0FB0		0.670	4.500	B	4AM43 42-5CT10-0FB1		0.670	4.500
0.4	1.44	B	4AM46 42-5CT10-0FB0		1.100	5.400	B	4AM46 42-5CT10-0FB1		1.100	5.400
0.5	2	B	4AM48 42-5CT10-0FB0		1.100	7.000	B	4AM48 42-5CT10-0FB1		1.100	7.000
Degree of protection IP23											
0.057	0.19	B	4AM32 42-5CT10-0FC0		0.240	2.700	B	4AM32 42-5CT10-0FC1		0.240	2.700
0.09	0.31	B	4AM34 42-5CT10-0FC0		0.260	3.300	B	4AM34 42-5CT10-0FC1		0.260	3.300
0.145	0.49	B	4AM38 42-5CT10-0FC0		0.320	5.600	B	4AM38 42-5CT10-0FC1		0.320	5.600
0.225	0.85	B	4AM40 42-5CT10-0FC0		0.590	6.600	B	4AM40 42-5CT10-0FC1		0.590	6.600
0.268	1.12	B	4AM43 42-5CT10-0FC0		0.670	7.400	B	4AM43 42-5CT10-0FC1		0.670	7.400
0.34	1.44	B	4AM46 42-5CT10-0FC0		1.100	8.300	B	4AM46 42-5CT10-0FC1		1.100	8.300
0.425	2	B	4AM48 42-5CT10-0FC0		1.100	9.900	B	4AM48 42-5CT10-0FC1		1.100	9.900
0.535	2.35	B	4AM52 42-5CT10-0FC0		1.700	10.800	B	4AM52 42-5CT10-0FC1		1.700	10.800
0.68	3.4	B	4AM55 42-5CT10-0FC0		1.900	13.900	B	4AM55 42-5CT10-0FC1		1.900	13.900
0.85	5	B	4AM57 42-5CT10-0FC0		2.000	16.900	B	4AM57 42-5CT10-0FC1		2.000	16.900
1.36	7.3	B	4AM61 42-5CT10-0FC0		4.100	26.700	B	4AM61 42-5CT10-0FC1		4.100	26.700
1.7	9.7	B	4AM64 42-5CT10-0FC0		4.700	30.700	B	4AM64 42-5CT10-0FC1		4.700	30.700
2.13	13.3	B	4AM65 42-5CT10-0FC0		6.400	36.700	B	4AM65 42-5CT10-0FC1		6.400	36.700
3.6	16	B	4AT30 32-5CT10-0FC0		9.900	38.000	--	--		--	--
4.5	18.5	B	4AT36 12-5CT10-0FC0		6.900	41.400	--	--		--	--
5.6	22.5	B	4AT36 32-5CT10-0FC0		11.300	47.300	--	--		--	--
7.1	28.5	B	4AT39 12-5CT10-0FC0		12.800	61.800	--	--		--	--
9	30	B	4AT39 32-5CT10-0FC0		22.100	71.000	--	--		--	--
Degree of protection IP54											
0.05	0.19	B	4AM32 42-5CT10-0FD0		0.240	2.700	B	4AM32 42-5CT10-0FD1		0.240	2.700
0.08	0.31	B	4AM34 42-5CT10-0FD0		0.260	3.300	B	4AM34 42-5CT10-0FD1		0.260	3.300
0.128	0.49	B	4AM38 42-5CT10-0FD0		0.320	5.600	B	4AM38 42-5CT10-0FD1		0.320	5.600
0.2	0.85	B	4AM40 42-5CT10-0FD0		0.590	6.600	B	4AM40 42-5CT10-0FD1		0.590	6.600
0.236	1.12	B	4AM43 42-5CT10-0FD0		0.670	7.400	B	4AM43 42-5CT10-0FD1		0.670	7.400
0.3	1.44	B	4AM46 42-5CT10-0FD0		1.100	8.300	B	4AM46 42-5CT10-0FD1		1.100	8.300
0.375	2	B	4AM48 42-5CT10-0FD0		1.100	9.900	B	4AM48 42-5CT10-0FD1		1.100	9.900
0.475	2.35	B	4AM52 42-5CT10-0FD0		1.700	10.800	B	4AM52 42-5CT10-0FD1		1.700	10.800
0.6	3.4	B	4AM55 42-5CT10-0FD0		1.900	13.900	B	4AM55 42-5CT10-0FD1		1.900	13.900
0.75	5	B	4AM57 42-5CT10-0FD0		2.000	16.900	B	4AM57 42-5CT10-0FD1		2.000	16.900
1.2	7.3	B	4AM61 42-5CT10-0FD0		4.100	26.700	B	4AM61 42-5CT10-0FD1		4.100	26.700
1.5	9.7	B	4AM64 42-5CT10-0FD0		4.700	30.700	B	4AM64 42-5CT10-0FD1		4.700	30.700
1.875	13.3	B	4AM65 42-5CT10-0FD0		6.400	36.700	B	4AM65 42-5CT10-0FD1		6.400	36.700
3.15	16	B	4AT30 32-5CT10-0FD0		9.900	38.000	--	--		--	--
4	18.5	B	4AT36 12-5CT10-0FD0		6.900	41.400	--	--		--	--
5	22.5	B	4AT36 32-5CT10-0FD0		11.300	47.300	--	--		--	--
6.3	28.5	B	4AT39 12-5CT10-0FD0		12.800	61.800	--	--		--	--
8	30	B	4AT39 32-5CT10-0FD0		22.100	71.000	--	--		--	--

1) For p.f. = 0.5 and $U_2 = 0.95 \times U_{2N}$.

2) The delivery time class depends on the quantity, see page 10/4 "Options".

3) The 4AT types are only supplied with screw terminals.

4) For types 4AM32 to 4AM40, standard rail mounting is integrated in the standard version.