

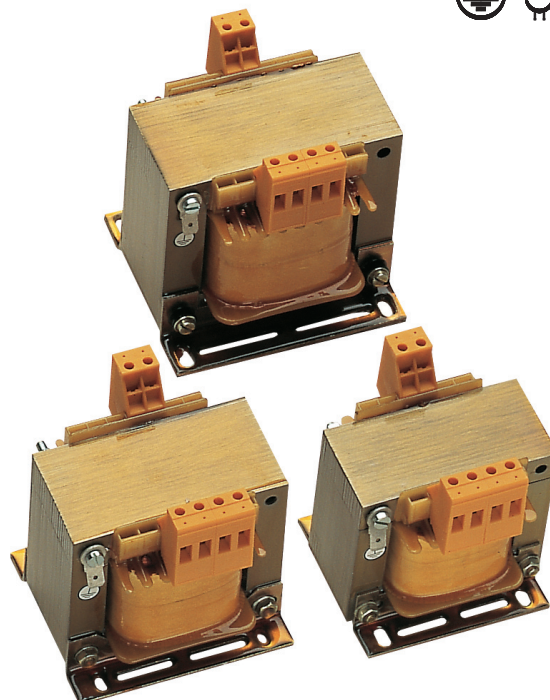
Autotransformer, open IPoo

Type SU

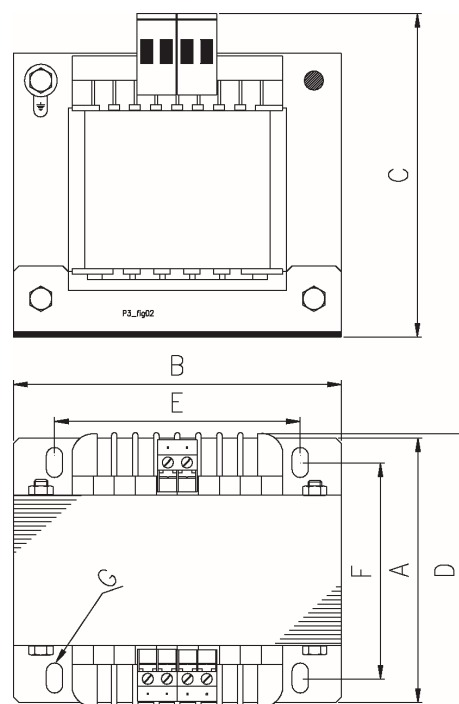
Open single-phase autotransformer designed and tested according to EN61558-2-13. The construction is produced with modern technology and satisfy ever increasing requirements of service life and reliability; Compact design, fixed installation, simple and easy mounting in cabinets, switchboards, panels or installation directly on engine/equipment. Protected against dust, humidity and corrosion through complete resin impregnation. Insulation class I. Even though the transformer is protected against involuntary contact with live parts it has to be mounted in cover. Can be supplied with special designed metal plate covers.

Applications:

Autotransformers are often used in speed control installations on motors or fans, e.g. kitchen fans and ventilation fans in houses. Also used to transform voltage up or down. Autotransformers are not able to eliminate earth faults. The use of auto-transformers is therefore not permitted in ships and medical installations. Custom designed models on request.



Type	Dimensions (mm)								Wt (Kg)
	A	B	C	C*	D	E	F	G	
SU60A	47	60	75	-	65	44	35	3,5x7	0,6
SU60B	57	60	75	-	75	44	45	3,5x7	0,8
SU66A	54	66	80	-	67	50	42	4x9	0,7
SU66B	65	66	80	-	78	50	52	4x9	1,0
SU78A	58	78	89	-	69	56	45	5x9	1,2
SU78B	67	78	89	-	80	56	54	5x9	1,5
SU84A	60	84	93	-	72	64	46	5x9	1,4
SU84B	74	84	93	-	86	64	60	5x9	1,9
SU96A	76	96	104	-	80	84	59	6x11	2,3
SU96B	86	96	104	-	90	84	69	6x11	2,8
SU96C	100	96	104	108	100	84	85	6x11	3,5
SU120A	86	120	120	125	88	90	69	6x11	4,2
SU120B	98	120	120	125	100	90	81	6x11	5,1
SU120C	117	120	120	165	120	90	101	6x11	6,6
SU150A	103	150	147	190	108	122	83	7x13	8,1
SU150B	120	150	147	190	125	122	100	7x13	9,9
SU150C	147	150	147	193	150	122	127	7x13	13,3
SU174B	125	174	154	220	138	135	107	7x13	14,7
SU174C	157	174	220	-	168	135	137	7x13	19,9
SU195A	126	180	269	-	162	140	97	10x18	18,6
SU195C	154	180	269	-	190	140	125	10x18	25,7
SU231B	160	210	312	-	210	160	130	12x18	35,4
SU231C	180	210	312	-	230	160	150	12x18	41,4

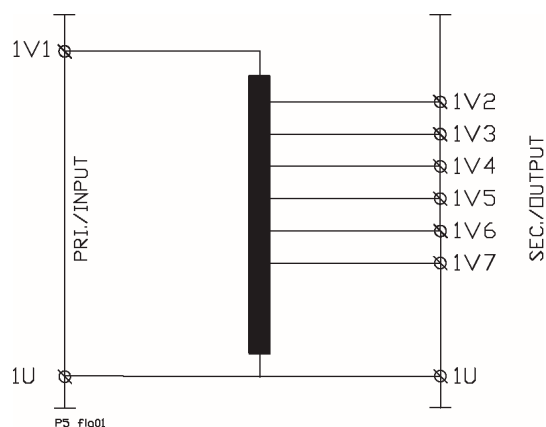


- All weights and dimensions refer to standard SU-safety isolating transformers.
- (C*) refer to SU-transformers with 24V or less secondary voltage.

Technical specifications

- Input voltage: 0-400V
- Frequency: 47-63Hz
- Output voltage: 0-400V
- According to: EN61558-2-13
- Test/insulating voltage: 2kV AC RMS
- Construction class: I
- Insulation class: B (130°C)
- Ambient temp. (t_a): 40°C
- Degree of protection: IP00

Wiring diagram



Type	Voltage (V)	Power (VA)	Art. no.
0-110-127-225-235 V			
SU60A-41	0-110-127-225-235	50	4-058-100041
SU66A-42	0-110-127-225-235	70	4-058-100039
SU66B-43	0-110-127-225-235	100	4-058-100043
SU84B-45	0-110-127-225-235	220	4-058-100045
SU96C-46	0-110-127-225-235	400	4-058-100046
0-225-235-400 V			
SU66A-77	0-225-235-400	50	4-058-100077
SU66A-79	0-225-235-400	70	4-058-100079
SU78A-81	0-225-235-400	140	4-058-100081
SU84B-82	0-225-235-400	250	4-058-100082
SU96C-83	0-225-235-400	500	4-058-100083
SU120B-84	0-225-235-400	800	4-058-100084
SU120C-85	0-225-235-400	1200	4-058-100085
0-200-210-220-230-240 V			
SU84B-96	0-200-210-220-230-240	600	4-058-100096
SU96C-97	0-200-210-220-230-240	1300	4-058-100097
SU120B-98*	0-200-210-220-230-240	2400	4-058-100098
0-80-100-125-150-170-190-220 V			
SU96C-10	0-80-100-125-150-170-190-230	4,6	4-058-100010
SU120A-11	0-80-100-125-150-170-190-230	5,7	4-058-100011
SU120B-12	0-80-100-125-150-170-190-230	7,7	4-058-100012
SU120C-13	0-80-100-125-150-170-190-230	11,9	4-058-100013