

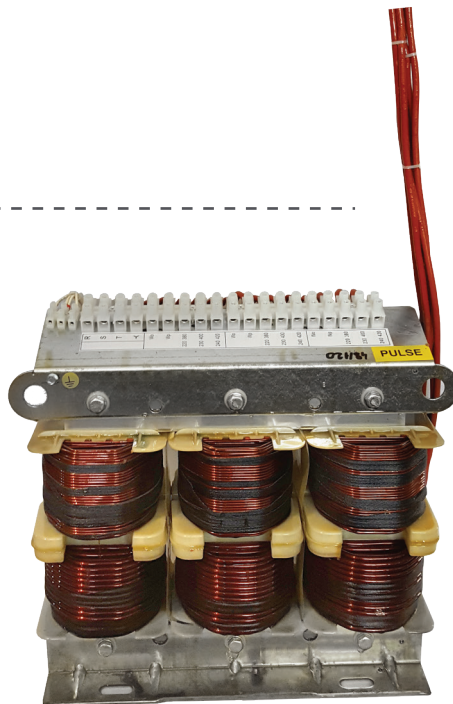
THREE-PHASE TRANSFORMERS

INTRODUCTION

IP protection on EI (3UI) core transformers correspond to: IP00, IP23 and IP54. Transformers are manufactured according to EN 61558 and IEC 726, as well as CE, LVD, EMC and RoHS. Input and output voltages, characteristics, fixing and connection are defined by order. Demension in the table are available for normal, continuous charge.

In our production we perform 100% control of every particular unit. We have possibility of making custom made transformers on request. Our tradition is 40 years in transformers business, and we export 90% of our production.

SAMPLES OF TRANSFORMERS



RoHS



COMPARATIVE ADVANTAGES

We can provide preferential origin certificate for our products for the use of free trade agreements which can provide importing our transformers to your countries without custom taxes. Those countries or trade unions are: EU, Russian Federation, Belarus, Kazakhstan, Turkey, CEFTA, EFTA, and USA. By importing our transformers to the countries listed above your company pay only 0% or 1% of custom taxes in the moment of import.

CHARACTERISTICS

Size	Power	Max. dimension in mm				Weight	
	kVA	A	x	B	x	C	kg
EI 50/50/10-16	0,01-0,02	65		28-34		80	0,2-0,4
EI 65/65/13-20	0,02-0,04	75		35-40		90	0,5-0,7
EI 80/80/17-26	0,03-0,07	105		40-50		105	0,8-1,4
EI 100/100/21-31	0,08-0,17	120		53-63		125	2,2-3,3
EI 125/125/26-41	0,2-0,4	150		67-82		150	4,5-6,5
EI 150/150/31-41-51	0,3-0,8	180		76-86-96		180	6,5-11
EI 170/170/36-46-57	0,6-1,1	205		86-97-107		195	7-14
EI 175/175/37-45-55	0,7-1,3	210		88-95-105		205	12-17
EI 190/190/40-64	0,9-1,5	230		90-114		220	13-20
EI 200/200/41-51-61	1,0-1,7	240		97-107-117		265	16-23
EI 200/200/71-75	1,5-2,0	240		127-132		265	24-28
EI 220/220/46-60-72	1,5-2,8	265		106-120-132		290	18-30
EI 250/250/52-65-77	2,0-4,0	300		130-143-155		320	28-46
EI 250/250/92-103	3,5-5,0	300		162-173		320	45-55
EI 280/280/58-75-92	3,2-5,5	340		138-155-172		345	42-65
EI 300/300/63-78-93	5,0-9,0	360		153-168-183		365	60-80
EI 350/350/63-75-88	8,0-12,0	420		163-173-188		430	70-100
EI 350/350/103-133	9,0-14,0	420		203-233		430	95-150
EI 400/400/83-110-140	14,0-35,0	480		193-220-250		480	120-190

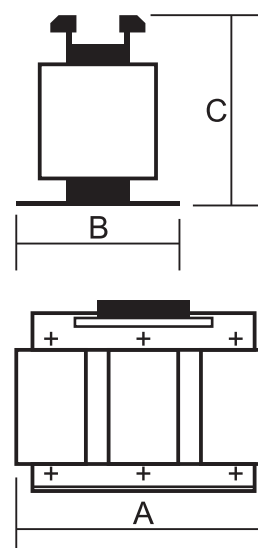
By: DP/0 is AxBxC=AxBxC in table; W/0 is AxBxC=AxCxB in table; DPN is AxBxC=CxBxA in table

Transformers dimensions:

A - Length

B - Breadth

C - Height



STANDARDS

This information is only given for as a guide, but you may request a test report for confirmation. Our transformers and windings are produced according to European or International Standards,

EN 61558-2-1 : Low capacity power insulation transformers (≤ 1 KVA single phase, ≤ 5 KVA three phase).

EN 60076 : Power transformers.

EN 61558-2-2 : Control transformers.

EN 61558-2-4 : Isolating transformers.

EN 61558-2-6 : Safety isolating transformers.

EN 61558-2-13 : Low capacity power autotransformers.

EN 61558-2-15 : Isolating transformers for the supply of medical locations.

EN 60947-4-1 : Start-up autotransformers three phase motor.

EN 61558-2-20 : Reactors

The insulations used between layers:

Class B (maximum temperature 130°C),

Class F (maximum temperature 155°C),

Class H (maximum temperature 180°C)

PROTECTION AGAINST DIRECT CONTACT

For the enclosed type transformer, the equipment is protected by a metallic enclosure as per NF EN 60529 and NF EN 62262 standard:

IP 21 – IK 08, except at the bottom

IP 55 – IK 08 or other on request.

AUTOTRANSFORMER

An autotransformer has only one winding rated for the highest voltage. The lowest voltage is obtained on the middle tap changer.

Therefore, there is no insulation between circuits and use of this type of transformers must not be used as a safety transformer or to achieve circuit separation. However, the autotransformer is a very economical solution to obtain a voltage change. For a same power and voltage ratio, an autotransformer is smaller and has a better efficiency than a transformer.

(ex. : a 10 KVA autotransformer will be the same size as a 4 KVA transformer).

Our autotransformers have a compensation tap to ensure real reversal feed.

CONTROL

All our equipment and winding characteristics are systematically tested.

On request, we can provide a test report to the customer.