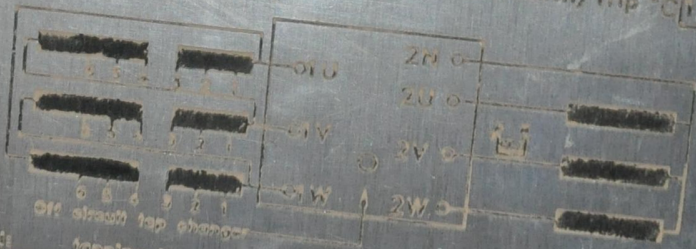


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شرکت سهامی عام
ایران ترانسفو

Type **TSUN6439** No. **0071707** Year **2007** IEC76/VDE0532
 Rated power kVA **2500** Kind **P.T** Frequency **50** Hz
6615 Kind of service **CONT.**
 Rated voltage V **6300** **400** Vector group **Dyn11**
5985 Sys. highest voltage **7.2/1.1**
 Rated current A **229.11** **3608.4** Insulation class **A**
 Impedance voltage **6.1%** Short circuit current kA **900**
 Cooling method **ONAN** Max. short circuit duration s **2**
 Mass of core & winding † **3.290** Max. ambient temperature °C **45**
 Total weight † **7.010** Sea level altitude m **1890**
 Oil weight † **1.350** Oil IEC 296 class **I**
 Oil Temperature Alarm/Trip °C **92/102** Winding Temperature Alarm/Trip °C **100/110**



Caution: Tapping is permissible only in off-stand

Pos.	HV side		Connection	LV side	
	Tap changer Connections	Voltage		Voltage	Connection
1	3 - 4	6615		2V	
2	4 - 2	6457.5		2W	
3	2 - 5	6300		2U	
4	5 - 1	6142.5			
5	1 - 6	5985			

C.T	Rated Power	Rated Ia	Ins. Class	Connection
ETI	10W	2000/0	CL3	Y-200

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1034

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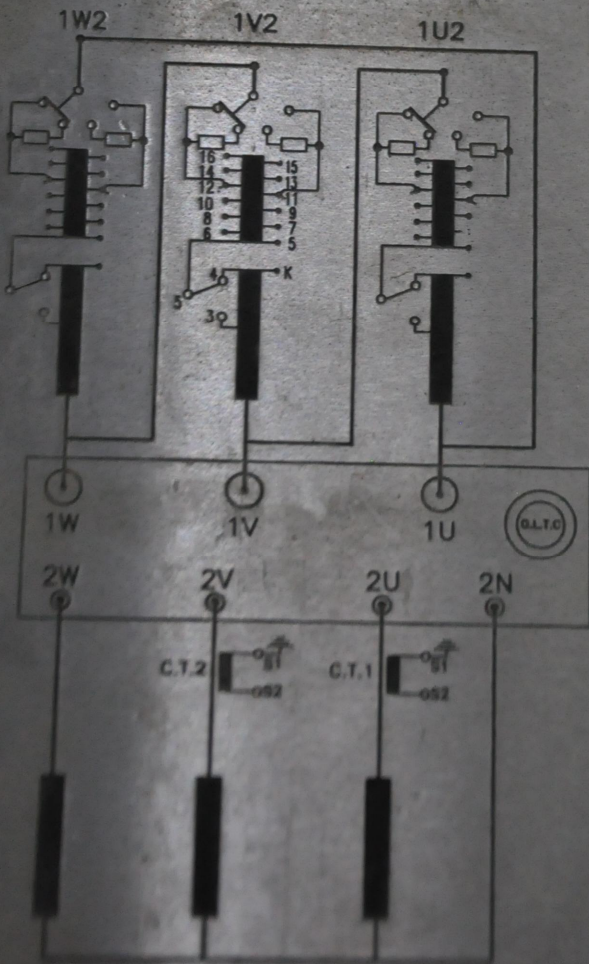


ایران ترانسفو

شرکت سهامی عام

THREE PHASE TRANSFORMER

Type **TLPN 7144** Serial No. **8530204** Year **2007** Standard **IEC 76/VDE 0532**
 Rated power **10/12.5 MVA** Insulation Level HV **24/50/125** kV LV **7.2/20/60** kV Kind **P.T.**
 Vector group **Dyn5** Frequency HZ **50** Insulation Cl. **A** Kind of service **CONT.** Cooling method **ONAN/ONAF**
 Position HV -Side Voltage LV -Side Voltage HV -Side Current LV -Side Current Impedance Voltage
1 **22420** V **6600** V **258/322** A **875/1093** A **10.70** %
12 **20000** V **6600** V **289/361** A **875/1093** A **9.82** %
23 **17580** V **6600** V **328/411** A **875/1093** A **9.09** %
 O.L.T.C. Type **VIII-350D-40KV-12231G** Rated current A **350** Sys. voltage kV **40**
 Short circuit duration s **2** Oil **IEC 60296** Oil weight t **6.4** Transport weight t **23.2**
 max.Short circuit current HV / LV **2.5/11.5** kA Active part weight t **13.4** Total weight t **26.9**
 Temp.Rise Oil/Wind °k **55/60** Max. ambient temperature °C **45** Installation altitude m **1350**



HV-Side				
Pos.	Change over Selector	Tap selector Contacts	Voltage V	Connection
1		16	22420	1U 1W 1V
2		15	22200	
3		14	21980	
4		13	21760	
5		12	21540	
6	← 5	11	21320	
7		10	21100	
8		9	20880	
9		8	20660	
10		7	20440	
11		6	20220	
12		K	20000	
13		16	19780	
14		15	19560	
15		14	19340	
16		13	19120	
17		12	18900	
18		11	18680	
19	3-5	10	18460	
20		9	18240	
21		8	18020	
22		7	17800	
23		6	17580	

LV-Side		
Current A	Voltage V	Connection
875/1093	6600	2W 2V 2U

Current Transformers (CT)				
Code	Ins. Class	Burden VA	Ratio A/A	Connection
C.T.1	0.5	5	1500/1	S1-S2
C.T.2	3	10	1093/2	S1-S2

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2007-1421

