

TECHNICAL DATA SHEET

Issue Date			
Revision Date		Revision	0

Main Data:

Type	THREE PHASE AUTO-TRANSFORMER
Sorsia Code	ATR100B-P
Customer Code	
Customer Specifications	

Electrical Characteristics:

Rated Power	100	kVA		
Service factor	S1			
N° Phases	3			
Rated Frequency	50	Hz		
Winding	V1	V2		
Rated Voltage (V) AT NO LOAD	380	950		
Winding power (kVA)	100	100		
Taps	+ - 5%			
Connection Type	STAR+N			
Insulation Level (kV)	1.1 / 3 / --	1.1 / 3 / --		
Type of insulation treatment	IMPREGNATED	IMPREGNATED		
Electrostatic Shield	NO			
Vector Group	YNa0			

Design Characteristics:

Windings Material	AL	AL		
Installation Altitude	<1000	m (asl)	Installation site	INDOOR
Ambient Temperature	-5/+40	°C		
Cooling Type	AN			
Insulation Class	H			
Temperature Rise Class	H			
Other Design Characteristics				
Reference Standards	IEC 60076-11			

NOTE:
Metal Enclosure:

IP Grade	IP 23	Colour	RAL 7035	Installation	INDOOR
Metal Box Accessories					

Transformer Accessories:
Mechanical Characteristics:

Transformer	Dimensions IP00	600x350x570	(WxDxH) mm
	Fixing Hole Distance	560x210	(WxD) mm
	Weight	277	kg
Metal Enclosure	Dimensions	860x750x770	(WxDxH) mm
	Fixing Hole Distance	560x710	(WxD) mm
	Weight	337	kg