

TRTC-100 TECHNICAL SPECIFICATIONS

Application:

On-Line Moisture Removal and Management System for On-Load Tap Changer

Key Specifications:	TRTC-100
Flow Rate	6 LPM
Moisture Management	to \leq 10 ppm
Moisture filter cartridge	1 No with 4 μ m (spin on type)
Particulate removal cartridge	1 No with 4 μ m (spin on type)

Construction:	TRTC-100
Enclosure	In Cabinet
Total Weight in KGS	50 KGS
Dimensions: Height x Width x Depth	H 1000 x W 860 x D 400 mm
Enclosure	Mild Steel 2.5 mm thickness RAL 7035 Light Grey Polyester Powder Coating with Galvanizing Coating for Corrosion Resistance
Piping	Stainless Steel 316 Grade
Enclosure Protection	Designed to comply with IP 56

Operation:	TRTC-100
Operating temperature range	0 °C to + 65 °C
Operating oil temperature range	+ 2 °C to + 95 °C
Operating pump capacity	Maximum 360 Liters / hour
Electrical Supply	220 VAC; 50Hz/60Hz; 380W; 1 \emptyset

Communication & Data:	TRTC-100
Alarm Relays	1 nos. NO/NC Contacts, (5A, 240 VAC)

Installation:	TRTC-100
Installation time: Est.	5 hours with 2 engineers
Commissioning Time: Est.	1 hour
Alarms	Trip Alarm, Digital Output: 1 NO/NC Contact (230VAC, 5A; 30VDC, 5A; Fail Safe Mode) Cable Size: 1 – 2.5 mm ²
Power Cable	2.5 mm ²
Inlet Valve	½" inch BSP male
Outlet Valve	½ inch BSP male

Standard Installation kit:	TRTC-100
Instruction Manual – 1 No.	Provided
Wedge Anchor bolt – 4 Nos.	Provided
Flat Washers – 8 Nos.	Provided
Anchor Nut – 8 Nos.	Provided
Quick Connect Oil Sampling Tube – 1 No.	Provided
½ inch SS BSP/NPT Fitting – 2 Nos.	Provided

Optional kit:	TRTC-100
½ inch SS flexible pipe for Inlet	Optional
½ inch SS flexible pipe for Outlet	Optional
Mounting stand	Optional
½" Valve set for OLTC	Optional

Warranty & Support: TRTC-100
DryTrans's all moisture management systems are backed by a ONE-year factory warranty. DryTrans systems are available through DryTrans's worldwide network of Authorized Representatives.

Note: Continuous research and improvement may result in specification or appearance changes at any time