

उत्पाद मानक
परिणामित्र

PRODUCT STANDARD
TRANSFORMER

TR 25102 V

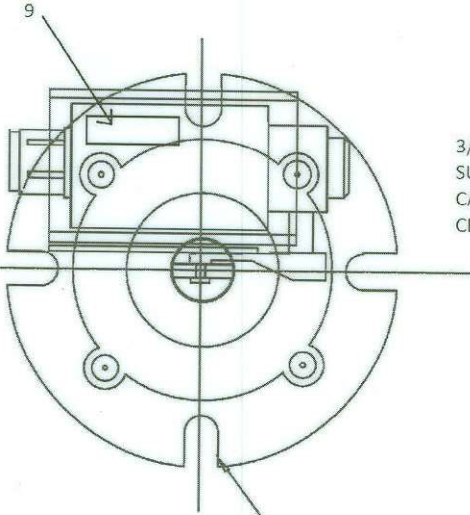
शाप / अभि. निर्देश SHOP/ENGG. INSTRUCTION

2 पृष्ठों में 1

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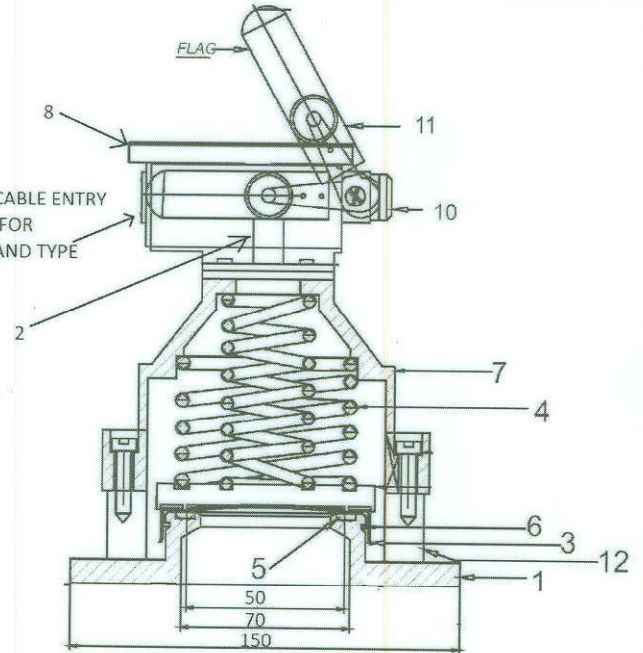
शीर्षक :
TITLE :

PRESSURE RELIEF VALVE



04 HOLES SUITABLE FOR M-12
MTG. SCREWS AT 125 mm PCD

3/4" BSC CABLE ENTRY
SUITABLE FOR
CABLE GLAND TYPE
CBW-01



Parts List

SL	DESCRIPTION	MATERIAL
1.	BASE	AL. / AL. ALLOY
2.	SWITCH OPERATING ROD	S.S. / G.M.
3.	DIAPHRAGM	S.S
4.	SPRING	SPRING STEEL
5&6	GASKET	VITON
7.	COVER	AL. / M.S.
8.	RAIN GUARD	M.S. / AL.
9.	NAME PLATE	AL./BRASS
10.	LIMIT / MICRO SWITCH 1 NO + 1 NC	
11.	FLAG	AL.

FOR SILICONE OIL FILLED HVR TRANSFORMER

TR 25102 V

PAGE 1 OF 2

पुनः Rev.
03
दिनांक: Date
18.3.14

RE-DRAWN & DRG
UPDATED.
NV

विवरण
DISTRIBUTION

TRE/TRM/FTM
TRX/TTG
QC-TCB/QA-TCB
JHANSI

सां.

स्वीकृत किया : RAJEEV AGRAWAL
APPROVED :

नारी किया : ISSUED :
टीआरई मानक : TRE STD. :

तैयार किया: PRED. :
NV

दिनांक: DATE:

03.11.06

पुनः Rev.
02
दिनांक: Date
15.12.11

REF.	COMP. DRG.	उत्पाद मानक परिणामित्र	PRODUCT STANDARD TRANSFORMER	TR 25102 V					
		शॉप / अभि. निर्देश	SHOP/ENGG. INSTRUCTION	2 पृष्ठों में 2	PAGE 2 OF 2				
		शीर्षक : PRESSURE RELIEF VALVE TITLE : NOTES:- 1. ALL HARDWARES SHALL BE ZINC PLATED GR FE/ZE WITH CHROMATE COATING TYPE 'C' AS PER IS:1573 LOCAL THICKNESS 12.5 µM(M/N). 2. SHADE OF FINISHING PAINT SHALL BE LIGHT GREY TO 631 OF IS:5. 3. PAINT SHOULD BE SUITABLE FOR OUTDOOR INSTALLATION.							
		SPECIFICATION FOR PRESSURE RELIEF VALVE 1. STYLE :- ST-627770 2. SIZE :- SUITABLE FOR TANK OPENING OF 70 mm. DIA. 3. APPLICATION :- OUT DOOR SUITABLE FOR DEGREE OF PROTECTION IP55 TO BE USED WITH TRANSFORMER OIL UP TO 100°C. 4. MOUNTING :- HORIZONTAL/VERTICAL ON 4 STUDS OF M12 ON 125 PCD. 5. GENERAL DESCRIPTION :- THIS IS A SPRING LOADED SAFETY VALVE USED FOR PROTECTION OF TRANSFORMERS IN CASE OF SUDDEN OVER PRESSURE. VALVE DIAPHRAGM SEALED AGAINST GASKET BY SPRINGS. VALVE OPERATION IS EFFECTED WHEN PRESSURE INSIDE THE TANK EXCEEDS OPENING PRESSURE ESTABLISHED BY SPRINGS. THE TRANSFORMER PRESSURE IS THEN RAPIDLY REDUCED TO NORMAL VALUE AND SPRING RETURNS THE DIAPHRAGM TO CLOSED POSITION. DESIGN OF TERMINAL BOX COVER SHOULD SUCH THAT MAL-OPERATION OF PRV SHOULD NOT OCCUR DUE TO INGRESS OF DUST OR INGRESS/ CONDENSATION OF MOISTURE ON TERMINAL CONNECTIONS. 6. OPERATING PRESSURE :- 0.49 ± 0.07 kG/cm ² (7±1 PSI) 7. FITTINGS :- I) VISUAL INDICATOR TO SHOW THAT VALVE HAS OPERATED AND WHICH CAN BE RESET MANUALLY. II) ONE LIMIT / MICRO SWITCH 1 NO + 1 NC TYPE TO OPERATE WHEN INSIDE PRESSURE EXCEEDS THE OPERATING PRESSURE & TO BE SUITABLE FOR MANUAL RESETTING. 8. SPL. REQUIREMENT :- 1. VALVE IS REQUIRED TO ACHIEVE FULL OPENING INSTANTANEOUSLY SO AS TO RELIEVE THE EXCESSIVE PRESSURE QUICKLY. 2. PRV SHOULD BE COMPATIBLE WITH SILICONE TRANSFORMER FLUID TYPE DC-561. 3. ALL GASKETS SHOULD BE OF VITON RUBBER COMPATIBLE WITH SILICONE OIL. 4. TC FOR GASKET MATERIAL TO BE FURNISHED. 5. CONFORMANCE TO BE FURNISHED FOR COMPATIBILITY WITH SILICONE OIL. 9. SWITCH RATING :- 5A, 250V AC / 1A, 230V DC 10. TESTING :- I) OPERATION OF VALVE SWITCH AND VISUAL INDICATOR AT RATED PRESSURE. II) LEAKAGE TEST AT 0.3 kG/cm ² PRESSURE FOR 12 HOURS ON ALL VALVES AS A ROUTINE TEST. III) DIELECTRIC TEST AT 2 KV FOR ONE MINUTE.							
TR 25102 V PAGE 2 OF 2		<table border="1"> <tr> <td> पुनः Rev. 03 दिनांक: Date 18.03.14 </td> <td> विवरण DISTRIBUTION TRE/TRM/FTM TRX/TTG QC-TCB/QA-TCB JHANSI </td> <td> सं. स्वीकृत किया : RA APPROVED : जारी किया : ISSUED : टीआरई मानक : TRE STD. : तैयार किया: PREPD. : NV </td> <td> दिनांक: DATE: 03.11.06 </td> </tr> </table>				पुनः Rev. 03 दिनांक: Date 18.03.14	विवरण DISTRIBUTION TRE/TRM/FTM TRX/TTG QC-TCB/QA-TCB JHANSI	सं. स्वीकृत किया : RA APPROVED : जारी किया : ISSUED : टीआरई मानक : TRE STD. : तैयार किया: PREPD. : NV	दिनांक: DATE: 03.11.06
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