



Datasheet

M.I.T.T.E.S engineering GmbH
 Oberschaden 32
 4070 Puppung
 Austria

3 Phase Oiltype -Transformer 3150 kVA Optionally installed in Container with Switchgear

Manufacturer: ABB
 Type: Oil
 Rating: 312500 kVA
 Voltage prim.: 5.12kV -22kV
 Primary Tapping NA
 Voltage sec.: 400/231 V
 Frequency: 50 Hz and 60Hz
 Vector Group: See table
 Isolation Class: 24/50/125kV
 Sea level: max. 1000 m
 Temperature: max. 40 °C Ambient Temperature
 Operation: DB
 Cooling: ONAN
 Norm: ÖVE M20
 Winding material: Al/Al

Weight ca.: 6240 kg
 Dimension: L= 1950mm x B= 1540mm x H= 2070mm

Mounted In Container :

Weight ca.: 11700 kg
 Dimension: L= 6060mm x W= 2500mm x H= 2950mm

Container:



ABB

Year: 2008 Type: CTMU 24HA 3150 Ser. No: 1LF1414245

Rating: kVA 3150(1) Rated frequency: Hz See table

Rated voltage: V See table Vector group: See table

Rated current: A See table Type of cooling: ONAN

Impedance voltage: % See table Ambient temperature: °C max. 40

Um: kV 24/1.1 Insulation level: LI 125 AC 50 / AC 3

Duration of short-circuit max.: s 2 Symm. short-circuit current: kA

Oil weight: kg 1350 Insulation liquid: Oil

Total weight: kg 6240 1) Rating 2500 kVA at 15 kV

High voltage terminals: Z2, Y2, X2, W1, V1, U1

Low voltage terminals: 1W, 1V, 1U, 2W, 2V, 2U

Tip changer only for de-energized operation

Parallel L.V. bushings loaded symmetrically

Conn. at	Conn. group	High voltage						Low voltage	
		Volts at 50 Hz	Volts at 60 Hz	Amps at 50 Hz	Amps at 60 Hz	Pos	Conn.	Volts at 50 Hz	Amps at 60 Hz
YHV10	1)	22000	22000	82.67	68.89	1	1-2-5-7	400	4547
		20000	20000	90.93	76.78	2	1-2-3-7-1		
		18000	18000	101.0	84.50	3	3-4-5-8-10		
1U	1)	10000	10000	162.23	135.19	1	4-5-8-10	400	4547
		10000	10000	162.23	135.19	2	1-2-3-7-1		
		10000	10000	162.23	135.19	3	3-4-5-8-10		
1V	1)	10000	10000	162.23	135.19	1	1-2-3-7-1	400	4547
		10000	10000	162.23	135.19	2	1-2-3-7-1		
		10000	10000	162.23	135.19	3	3-4-5-8-10		
Dm11	1)	10000	10000	162.23	135.19	1	1-2-3-7-1	400	4547
		10000	10000	162.23	135.19	2	1-2-3-7-1		
		10000	10000	162.23	135.19	3	3-4-5-8-10		