



Representative Image

Catalog No. 9T83B4012G23**Description: "3A,220KVA,460-230Y/133,150C,N2,DIT,TP1"****UPC No 783173215715****Home > Transformers > Dry Type Vented > Drive Isolation**

ABB's Drive Isolation Transformer (DIT) is designed to specifically handle the mechanical stresses, voltage distortions, and harmonics associated with silicon-controlled rectifiers (SCR) applications. Drive Isolation Transformers have symmetrically placed taps and added coil bracing to withstand the mechanical forces caused by severe SCR duty cycles. These features also help to protect the transformer from the regenerative duty and more frequent short-circuits associated with SCRs. Drive Isolation transformers also help to filter the electrical noise caused by SCRs. The delta-wye designs meet the NEC requirements for grounded secondary neutrals that isolate primary distribution systems. Drive Isolation Transformers are UL 1561 listed for non-sinusoidal current loads.

Descriptors

Category	Drive Isolation
GO Schedule	T2

Specifications

TransType	QL-TP1
Phase	3
PriVoltage	460
SecVoltage	230Y/133
KVA	220.0 KVA
Coil Material	AL
TempRise	150.0 °C
ElecShield	N
Sub Type	Drive Isolation (DIT)
Frequency	60 Hz
Impedance	6.8 %
TempClass	220.0 °C
AmbTemp	40.0 °C
InsulSys	IS-19C
EnergyEfficiency	NEMA TP 1
KFactor	K1
Enclosure Type	NEMA 2
Net Weight	1585
Sound	Std
Outline	303B919AAP077

Classifications

UL	Yes
cUL	No

by ABB

Publications

Title	Publication No.	Publication Type
QL Dry Type Transformers Rev. G	DEA-492	Brochures
9T83B4012G23 - Transformer Label Drawing Label drawing in .pdf format	9T83B4012G23-LBL	Drawings-Outline and Dimensional

Additional Documentation: Visit our Publication Library to find technical documentation, time current curves, CSI Specifications and promotional literature.