



Representative Image

**Catalog No. 9T83B4002G26****Description: AL 3P 27KVA 575-460Y/266 DIT****UPC No 783173203378****Home > Transformers > Dry Type Vented > Drive Isolation**

The use of SCR control circuitry with adjustable-speed drives has resulted in a need for a line of isolation transformers specifically designed to meet the demanding requirements of SCR drives. Symmetrically placed taps and added coil bracing minimize mechanical forces caused by the often severe SCR drive duty cycles. These features also help protect the transformer from the regenerative duty and more frequent short-circuits associated with SCR drives. Drive isolation transformers also reduce line-pollution feedback resulting from SCR firing circuits. The ABB delta-wye designs meet the NEC requirements for grounded secondary neutrals that isolate primary distribution systems. kVA ratings of the DIT line cover most dc motor requirements from 3 to 1000 hp. Enclosed drive isolation transformers are UL listed and meet NEMA TP1 efficiency standards.

**Descriptors**

Category	Drive Isolation
GO Schedule	T2

**Specifications**

TransType	QL-TP1
Phase	3
PriVoltage	575
SecVoltage	460Y/266
KVA	27.0 KVA
Coil Material	AL
TempRise	150.0 °C
ElecShield	N
SubType	Drive Isolation (DIT)
Frequency	60 Hz
Impedance	5.9 %
TempClass	220.0 °C
AmbTemp	40.0 °C
InsulSys	IS-19C
EnergyEfficiency	NEMA TP 1
KFactor	K1
Enclosure Type	NEMA 2
Net Weight	375
Sound	Std
Outline	303B401AAP072

**Classifications**

UL	Yes
cUL	No

  
**by ABB**



## Publications

Title	Publication No.	Publication Type
<a href="#">9T83B4002G26 - Transformer Label Drawing</a> Label drawing in .pdf format <a href="#">QL Dry Type Transformers</a> Rev. G	9T83B4002G26-LBL  DEA-492	Drawings-Outline and Dimensional  Brochures

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