

ISOLATION TRANSFORMERS

Drive isolation transformers add an extra margin of protection for AC and DC drives. They are sized to the drive KVA requirements and are designed to withstand the mechanical stresses of current reversals and short circuits associated with power semiconductor type AC and DC drives.

- Three coil, delta-wye configuration with fully rated NEMA 1 enclosure
- ±5% fully rated taps on primary winding
- Ambient temperature: 40°C (104°F)
- Standards: ANSI C89.2, NEMA ST-20, UL506, UL1561

Isolation Transformers:

- Provide electrical isolation between the incoming line and the drive electronics.
- Convert input line voltage to standard drive input voltages.
- Minimize line disturbances caused by SCR power converters.
- Reduce power line harmonics caused by drives.
- Protect the motor controller by reducing available short circuit potential. This may be a UL requirement in installations with high levels of short circuit potential.

HP	KVA	Primary Voltage	Secondary Voltage		Wt.* (lbs.)	Size
			230 VAC	460 VAC		
5	7.5	230	8812-0007-1	8812-0007-2	152	A
		460	8812-0007-3	8812-0007-4		
7.5	11	230	8812-0011-1	8812-0011-2		
		460	8812-0011-3	8812-0011-4		
10	14	230	8812-0015-1	8812-0015-2		
		460	8812-0015-3	8812-0015-4		
15	20	230	8812-0020-1	8812-0020-2	230	B
		460	8812-0020-3	8812-0020-4		
20	27	230	8812-0027-1	8812-0027-2		
		460	8812-0027-3	8812-0027-4		
25	34	230	8812-0034-1	8812-0034-2	310	B
		460	8812-0034-3	8812-0034-4		
30	40	230	8812-0040-1	8812-0040-2		
		460	8812-0040-3	8812-0040-4		
40	51	230	8812-0051-1	8812-0051-2	480	C
		460	8812-0051-3	8812-0051-4		
50	63	230	8812-0063-1	8812-0063-2		
		460	8812-0063-3	8812-0063-4		
60	75	230	8812-0075-1	8812-0075-2		
		460	8812-0075-3	8812-0075-4		
75	93	230	8812-0093-1	8812-0093-2	600	D
		460	8812-0093-3	8812-0093-4		
100	118	230	8812-0118-1	8812-0118-2	760	D
		460	8812-0118-3	8812-0118-4		
125	145	230	8812-0145-1	8812-0145-2		
		460	8812-0145-3	8812-0145-4		
150	175	230	8812-0175-1	8812-0175-2	1100	E
		460	8812-0175-3	8812-0175-4		
200	220	230	8812-0220-1	8812-0220-2	1200	
		460	8812-0220-3	8812-0220-4		
250	275	230	8812-0275-1	8812-0275-2	1300	
		460	8812-0275-3	8812-0275-4		
300	330	230	8812-0330-1	8812-0330-2	2200	F
		460	8812-0330-3	8812-0330-4		
400	440	460	XXX	8812-0440-4		
500	550	460	XXX	8812-0550-4	2900	

* Approximate shipping weight.



Size	Dims. (in.) H x W x D
A	25 x 20.125 x 14.125
B	30.125 x 20.125 x 14.125
C	39.375 x 26.125 x 19.125
D	46.5 x 26.125 x 20.125
E	56 x 31.25 x 24.25
F	75 x 44.5 x 36

Order String

8812 - 0007 - 1

