

回路图
Circuit Diagram

The diagram illustrates a three-phase transformer with a star-delta connection. The primary (PRI) is a star connection with terminals U, V, W, and N. The secondary (SEC.) is a delta connection with terminals u, v, w. The primary windings have 460 and 480 taps. The secondary windings have 200 and 220 taps. The diagram shows the internal winding connections and the external terminal connections.

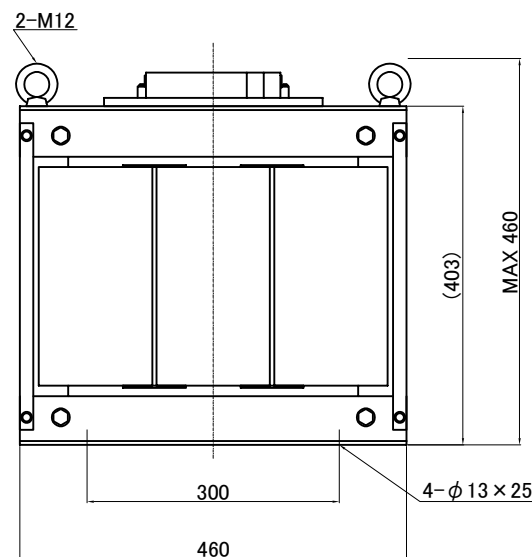
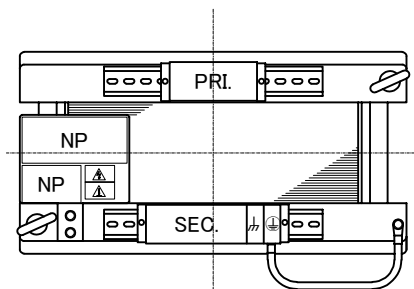
PRI.

U	V	PR1	W	
460	480	460	480	N

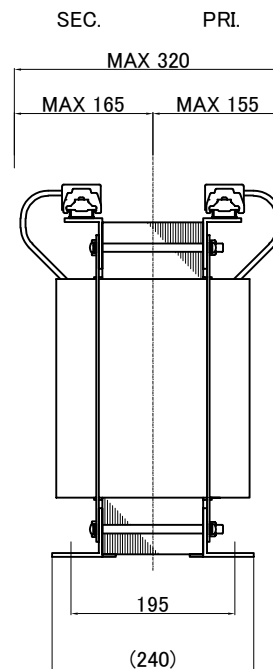
SEC.

u	200	220	v	SEC	200	220	w	200	220		
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PRI.	PT-80	7P M5	(2.0~3.0N・m)
SEC.	PT-80	9P M5	(2.0~3.0N・m)
	PT-80	2P M5	(2.0~3.0N・m)



仕様 Specification			
定格	連続	結線	Δ ^N
Rating	Cont.	Connection	
容量 Capacity	17.3 kVA		
相数 Phase	3~	周波数 Frequency	50/60Hz
1次電圧 Primary Volt.	460/480V		
2次電圧 Secondary Volt.	200/220V		
2次電流 Secondary Curr.	50/45.4A		
絶縁抵抗 Insulation Resistance			
P-E P-S S-E	100MΩ Min. at DC500V		
絶縁耐圧 Dielectric Withstand Volt.			
P-E	AC 60Hz	4.0kV / 1min.	
P-S	AC 60Hz	5.0kV / 1min.	
S-E	AC 60Hz	2.5kV / 1min.	
トランス質量 Transformer Mass	140kg		
絶縁種別 Insulation Class	Class 180(H)		
定格周囲温度 Ambient Temp.	40℃		
適用規格 Standard	UL1561 C22.2 No. 47-M90 EN61558-1, EN61558-2-4 IEC61558-1, IEC61558-2-4 BS EN IEC 63000		
ULファイルNo. UL File No.	E258403		
EN, IECマーク EN, IEC Mark	Non short circuit proof isolating transformer		
推奨保護装置定格 Recommended protection device rating			
	Pri. Circuit Breaker 50A Sec. Circuit Breaker 50A (IEC60947-2 or IEC60934)		



質量は標準仕様の値を記入しており、実測値と異なる場合もあります。

 今井電機株式会社	設計 DESIGNED DATE 13.01.25	品名 DESCRIPTION Dry type Isolating Transformer		摘要 REMARKS	
	DRAWN N.Marukai	尺度 SCALE mm	単位 UNIT mm	型名 MODEL	IEH3-YDB0173S-513
	APPROVED S.Murakami	表面処理 FINISH		図番 DWG NO.	SYDB0173S513
				改訂 Ver.	4