

回路図
Circuit Diagram

The diagram illustrates a three-phase transformer circuit. The primary side (PRI.) consists of three windings labeled U, V, and W. Each winding has three terminals with voltage ratings of 380, 400, and 440. The secondary side (SEC.) consists of three windings labeled u, v, and w. Each winding has two terminals with voltage ratings of 200 and 220. The secondary windings are connected in a star configuration, with a common neutral point. A neutral line (N) is shown on the right side of the diagram.

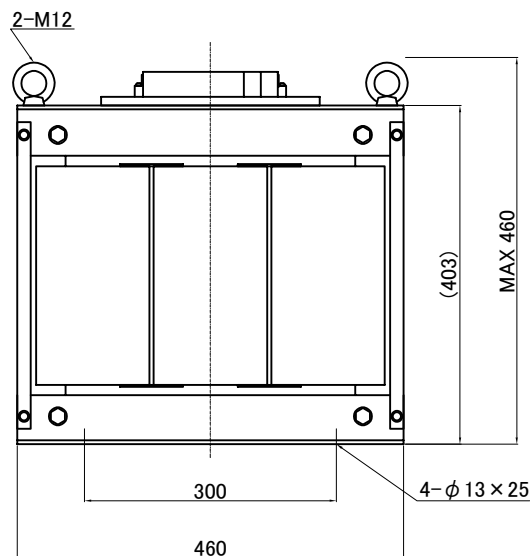
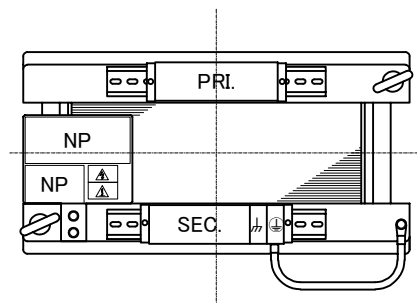
PRI.

380	U	400	440	PRI	V	440	380	400	440	W	N
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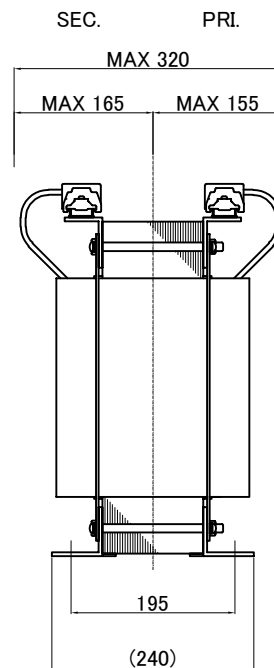
SEC.

u	200	220	v	SEC	200	220	w	200	220	$\frac{1}{n}$	$\frac{1}{n}$
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PRI.	PT-80	10P	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	
Rating	Cont.	Connection	
容量	17.3 kVA		
Capacity			
相数	3~	周波数	50/60Hz
Phase		Frequency	
1次電圧	380/400/440V		
Primary Volt.			
2次電圧	200/220V		
Secondary Volt.			
2次電流	50/45.4A		
Secondary Curr.			
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	140kg		
Transformer Mass			
絶縁種別	Class 180(H)		
Insulation Class			
定格周囲温度	40℃		
Ambient Temp.			
適用規格	UL1561		
Standard	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.	E258403		
UL File No.			
EN, IECマーク	Non short circuit proof		
EN, IEC Mark	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。

 IMAI ELECTRIC 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-063
	APPROVED S.Murakami	表面処理 FINISH		図 番 DWG NO.	SYDB0173S063
					改訂 Ver. 4