

回路図
Circuit Diagram

The diagram illustrates a three-phase transformer with a star-delta connection. The primary (PRI) side is a star connection with phases U, V, and W. Each phase has a 380V and 400V tap. The secondary (SEC.) side is a delta connection with phases u, v, and w. Each phase has a 200V and 220V tap. A neutral point N is shown on the primary side, and a ground symbol is shown on the secondary side.

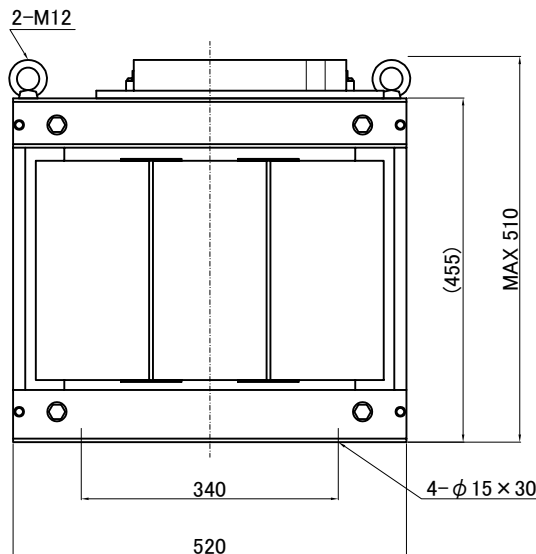
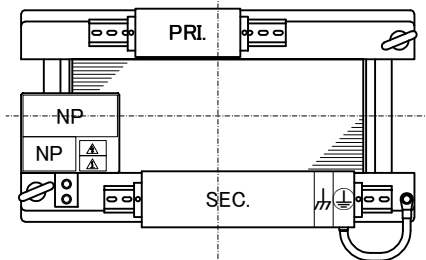
PRI.

U	V	PR1	W	
380	400	380	400	N

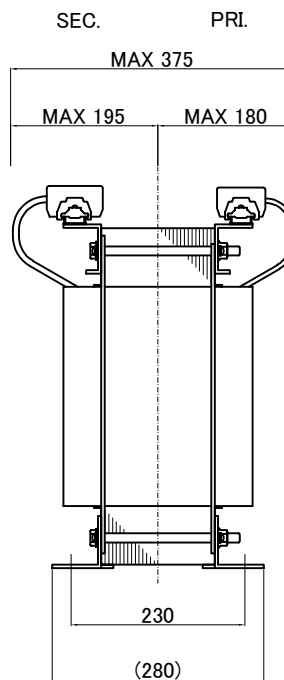
SEC.

u	200	220	v	SEC1	200	220	w	200	220		
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PRI.	PT-90	7P	M6	(2.5~3.7N·m)
SEC.	PT-150	9P	M8	(6.0~9.0N·m)
	PT-150	2P	M8	(6.0~9.0N·m)



仕様 Specification		結線 N △	
定格 Rating	連続 Cont.	接続 Connection	
容量 Capacity		34.6 kVA	
相数 Phase	3~	周波数 Frequency	50/60Hz
1次電圧 Primary Volt.		380/400V	
2次電圧 Secondary Volt.		200/220V	
2次電流 Secondary Curr.		100/90.8A	
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		230kg	
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 100A Sec. Circuit Breaker 100A (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	設計 DESIGNED DATE 13.01.30	品名 DESCRIPTION Dry type Isolating Transformer		摘要 REMARKS	
	DRAWN M.Fujitaka	尺度 SCALE mm	単位 UNIT mm	型 名 MODEL	IEH3-YDB0346S-303
	APPROVED S.Murakami	表面処理 FINISH		図 番 DWG NO.	SYDB0346S303
今井電機株式会社					改訂 Ver. 4