

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 400V/440V terminals for phases U, V, and W. The secondary (SEC.) is a delta connection with 200V/220V terminals for phases u, v, and w. The diagram shows the internal winding connections and a neutral point for the secondary.

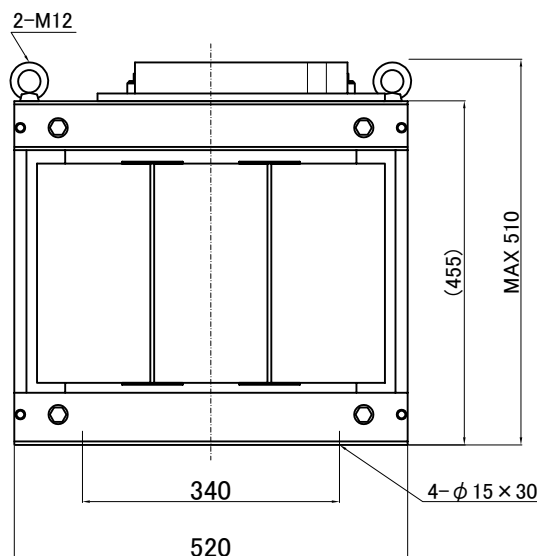
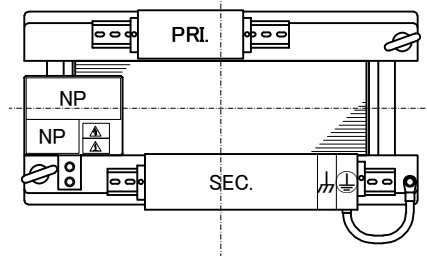
PRI.

U	V	PR1	W	
400	440	400	440	N

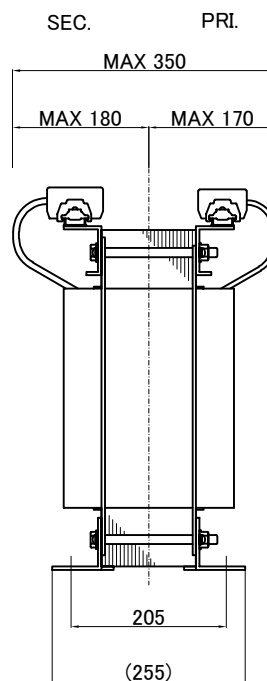
SEC.

u	200	220	v	SEC	200	220	w	200	220	$\frac{1}{n}$	$\frac{1}{n}$
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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			
定格 Rating	連続 Cont.	結線 Connection	
容量 Capacity	26 kVA		
相数 Phase	3~	周波数 Frequency	50/60Hz
1次電圧 Primary Volt.	400/440V		
2次電圧 Secondary Volt.	200/220V		
2次電流 Secondary Curr.	75/68.2A		
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	195kg		
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	75A
		Sec. Circuit Breaker	75A
		(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 13.01.25	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-YDB0260S-393
	APPROVED S.Murakami	表面処理 FINISH 図 番 DWG NO. SYDB0260S393		改訂 Ver. 4