

回路図
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 380 and 400 turns, and the secondary windings have 200 and 220 turns. A 77V AC source is connected to the secondary terminals.

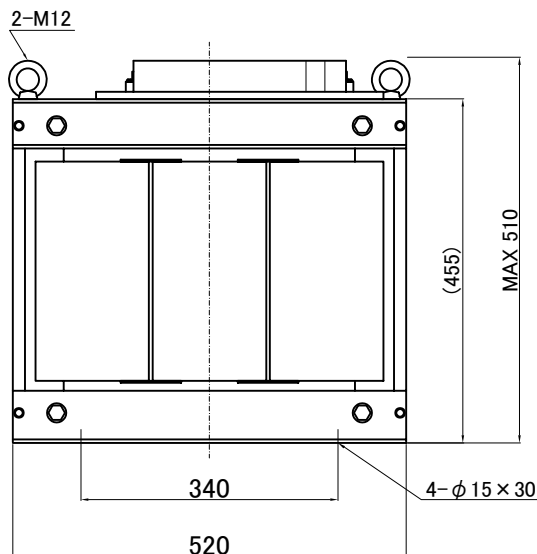
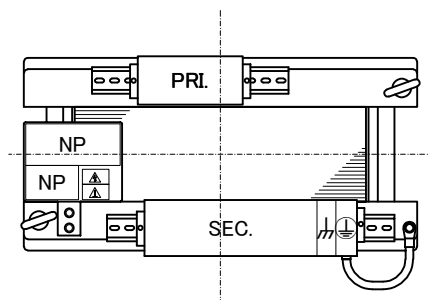
PRI.

U	V	PRI.	W	
380	400	380	400	N

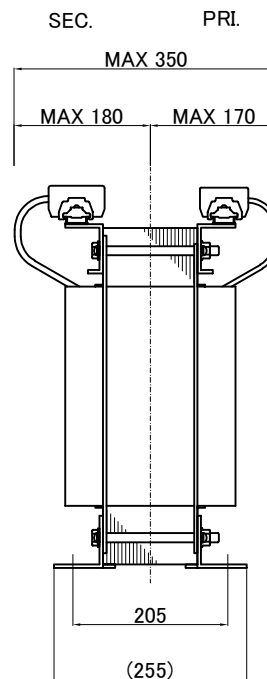
SEC.

u	200	220	v	SEC.	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			
定格		連続	結線
Rating	Cont.		Connection
容量 Capacity			
		26 kVA	
相数 Phase		3~	周波数 Frequency
1次電圧 Primary Volt.		380/400V	
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-303
	APPROVED S.Murakami	表面処理 FINISH 図 番 DWG NO. SYDB0260S303		改訂 Ver. 4