

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.

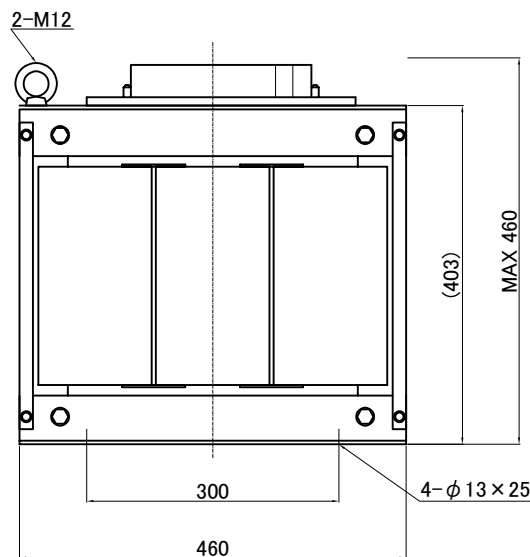
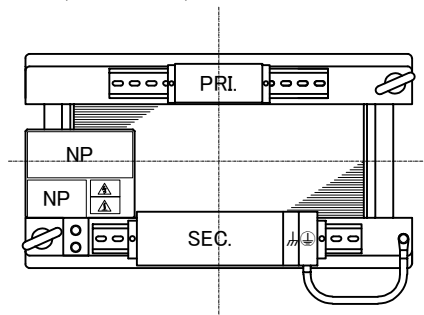
PRI.

U	V	PR1	W	
400	440	400	440	N

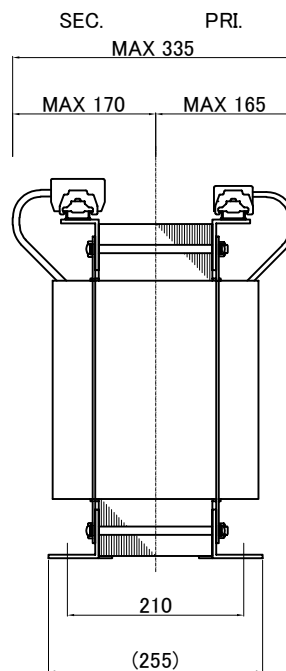
SEC.

u	200	220	v	SEC	200	220	w	200	220	$\frac{1}{2}$	$\frac{1}{4}$
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PRI.	PT-80	7P M5	(2.0~3.0N·m)
SEC.	PT-90	9P M6	(2.5~3.7N·m)
	PT-90	2P M6	(2.5~3.7N·m)



仕様 Specification			
定格		連続	
Rating	Cont.	結線	Δ ^N
容量	20.8 kVA		
Capacity			
相数	3~	周波数	50/60Hz
Phase		Frequency	
1次電圧	400/440V		
Primary Volt.			
2次電圧	200/220V		
Secondary Volt.			
2次電流	60/54.6A		
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			
Transformer Mass 160kg			
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.			
E258403			
UL File No.			
EN, IECマーク			
Non short circuit proof			
isolating transformer			
EN, IEC Mark			
推奨保護装置定格			
Recommended protection device rating			
Pri. Circuit Breaker 60A			
Sec. Circuit Breaker 60A			
(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-YDB0208S-393
	APPROVED S.Murakami	表面処理 FINISH 図 番 DWG NO. SYDB0208S393		改訂 Ver. 4