

The diagram illustrates a three-phase transformer with a star-delta connection. The primary (PRI) is a star connection with phases U, V, and W. The secondary (SEC) is a delta connection with phases u, v, and w. The diagram shows the internal winding connections and the resulting phase shifts between the primary and secondary voltages.

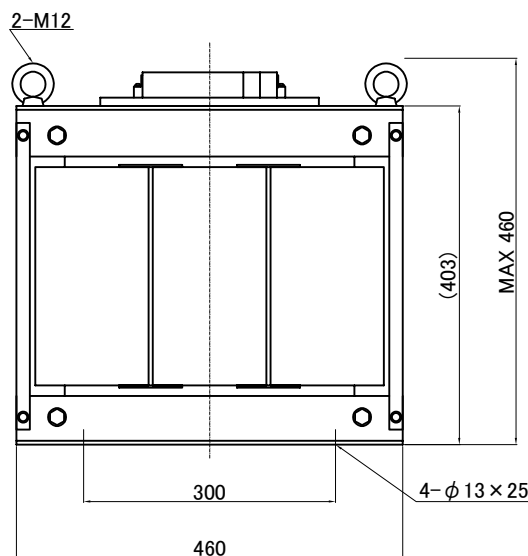
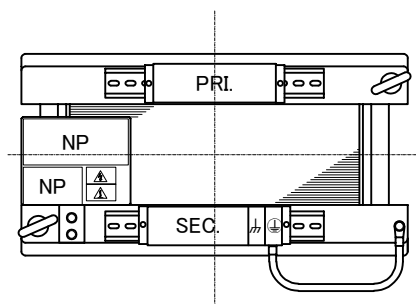
PRI.

400	U	415	440	400	PRI	V	415	440	400	W	415	440	N
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SEC.

u	200	220	v	SEC	200	220	w	200	220	μ	$\oplus$
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PRI.	PT-80	10P	M5	(2.0~3.0N・m)
SEC.	PT-80	9P	M5	(2.0~3.0N・m)
地盤	PT-80	2P	M5	(2.0~3.0N・m)



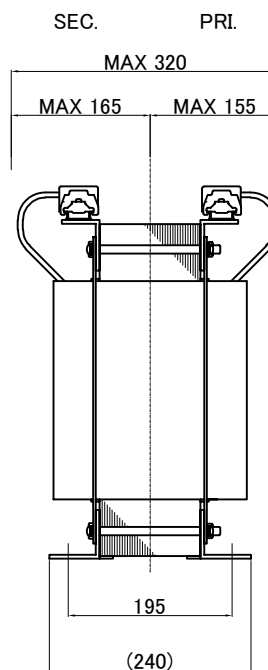
規格	連続	結線	$\Delta^N - \Delta$
Rating	Cont.	Connection	
容量	17.3 kVA		
Capacity			
相数	3~	周波数	50/60Hz
Phase		Frequency	
1次電圧	400/415/440V		
Primary Volt.			
2次電圧	200/220V		
Secondary Volt.			
2次電流	50/45.4A		
Secondary Curr.			
絶縁抵抗			
Insulation Resistance			
P-E P-S S-E	100M Ω Min. at DC500V		
絶縁耐圧			
Dielectric 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	140kg
絶縁種別 Insulation Class	Class 180(H)
定格周囲温度 Ambient Temp.	40°C
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	50A
Sec. Circuit Breaker	50A
(IEC60947-2 or IEC60934)	



今井電機株式会社

設計 DESIGNED
DATE 13.01.25

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品名	DESCRIPTION
	Dry type Isolating Transformer

尺度 SCALE	単位 UNIT mm	型名 MODEL
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表面处理 FINISH	図 番 DRAWING NO.
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REMARKS

IEH3-YDB0173S-693

SYDB0173S693

改訂
Ver. 4