

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. Each phase has a 380V, 400V, and 440V tap. The secondary (SEC.) is a delta connection with phases U, V, and W. Each phase has a 200V and 220V tap. A neutral point (N) is shown for the secondary, and a ground symbol is present.

PRI.

U	380	400	440
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 Y

PRI	380	400	440
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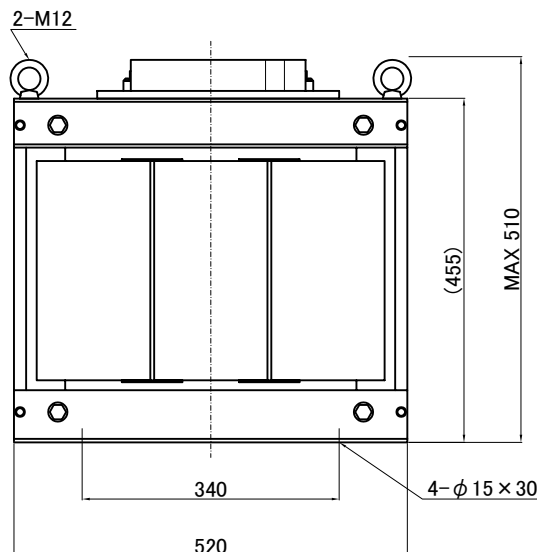
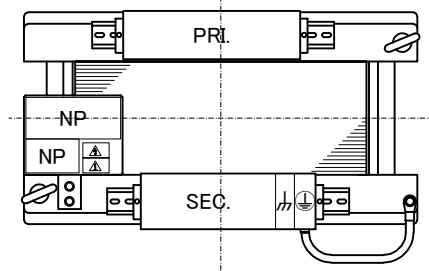
 W

	380	400	440
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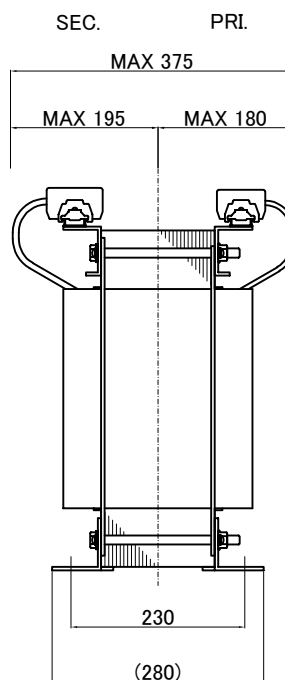
SEC.

u	200	220	200	v	200	220	w	200	220	N	$\hbar$	$\oplus$
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PRI.	PT-90	12P	M6	(2.5~3.7N・m)
SEC.	PT-150	7P	M8	(6.0~9.0N・m)
	PT-150	2P	M8	(6.0~9.0N・m)



定格電圧 Rating	連続 Cont.	結線 Connection	Δ -
容量 Capacity	34.6 kVA		
相数 Phase	3~	周波数 Frequency	50/60Hz
1次電圧 Primary Volt.	380/400/440V		
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	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	230kg		
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 100A Sec. Circuit Breaker 100A (IEC60947-2 or IEC60934)		



今井電機株式会社

設計 DESIGNED
DATE 13.01.24

DRAWN
N. Marukai

APPROVED
S. Murakami

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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頁里は標	摘要 REMARKS
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IEH3-DYB0346S-063

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改訂
Ver. 4