

The diagram illustrates a three-phase transformer with a delta primary and a star secondary. The primary (PRI) side features three windings connected in a delta configuration, with terminals labeled U, V, and W. Each winding has tap points at 440, 460, and 480. The secondary (SEC.) side also has three windings connected in a star configuration, with terminals labeled u, v, and w. Each secondary winding has tap points at 200 and 220. A neutral point N is indicated, connected to ground.

PRI.

U	440	460	480
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 Y

PRI	440	460	480
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 W

	440	460	480
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SEC.

u	200	220	200
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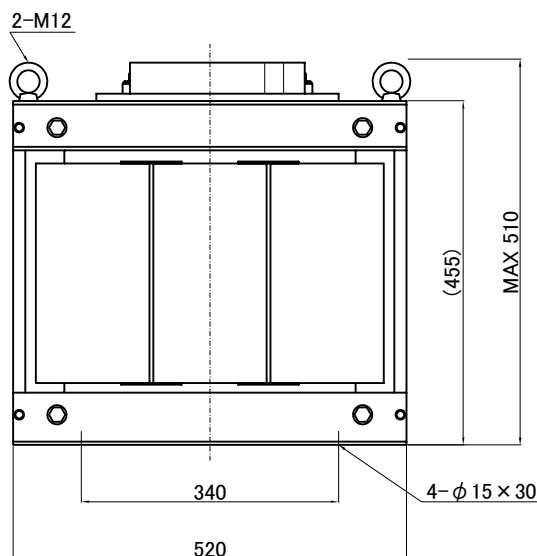
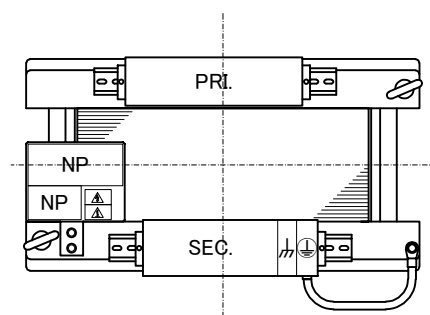
v	200	220	200
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w	200	220	200
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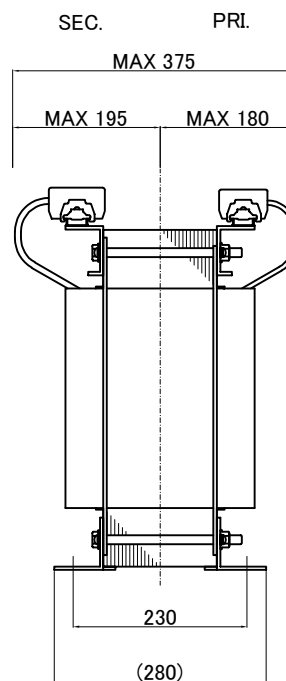
 N

$\hbar$	$\hbar$	$\hbar$	$\hbar$
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PRI.	PT-90	12P	M6	(2.5~3.7N・m)
SEC.	PT-150	7P	M8	(6.0~9.0N・m)
加電	PT-150	2P	M8	(6.0~9.0N・m)



定格容量 Rating Capacity	連続 Cont.	結線 Connection	Δ -
34.6 kVA			
相数 Phase	3~	周波数 Frequency	50/60Hz
1次電圧 Primary Volt.	440/460/480V		
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
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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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IEH3-DYB0346S-093

SDYB0346S093

改訂
Ver. 4