

回路图
Circuit Diagram

The diagram illustrates a three-phase transformer circuit. The primary (PRI.) side features three windings labeled U, V, and W. Each winding has three terminals: 400, 415, and 440. The secondary (SEC.) side also features three windings labeled u, v, and w. Each winding has two terminals: 200 and 220. The secondary windings are connected in a star configuration, with a common neutral point. A neutral line (N) is shown on the right, connected to this common neutral point. The primary windings are connected in a delta configuration. The primary and secondary are connected to a common busbar.

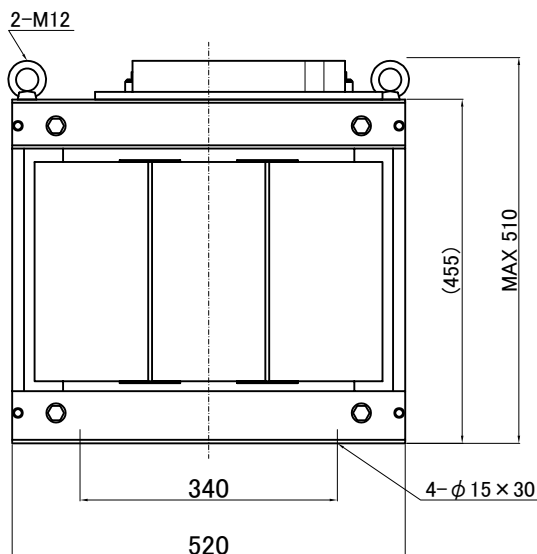
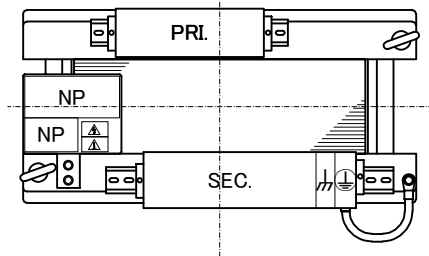
PRI.

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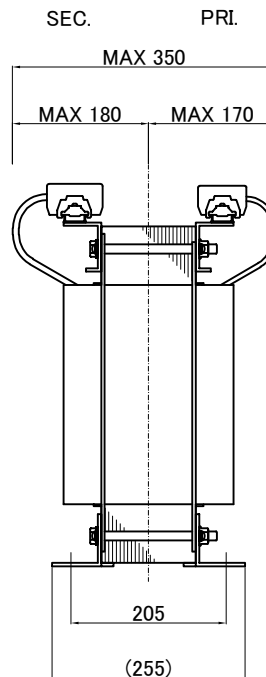
SEC.

u	200	220	v	SEC	200	220	w	200	220	$\frac{1}{n}$	$\frac{1}{n}$
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PRI.	PT-90	10P	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 Rating	連続 Cont.	結線 Connection	
容量 Capacity	26 kVA		
相数 Phase	3~	周波数 Frequency	50/60Hz
1次電圧 Primary Volt.	400/415/440V		
2次電圧 Secondary Volt.	200/220V		
2次電流 Secondary Curr.	75/68.2A		
絶縁抵抗 <u>Insulation Resistance</u>			
P-E P-S S-E	100M Ω Min. at DC500V		
絶縁耐圧 <u>Dielectric Withstand Volt.</u>			
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 <u>Recommended protection device rating</u>			
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
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-YDB0260S-693
APPROVED S.Murakami	表面処理 FINISH	図 番 DWG NO	SYDB0260S693 改訂 Ver. 4