

回路図
Circuit Diagram

The diagram illustrates a three-phase transformer with a star-delta connection. The primary (PRI.) is a star connection with terminals U, V, and W, each having a 415V line voltage and 380V/400V phase voltages. The secondary (SEC.) is a delta connection with terminals u, v, and w, each having a 220V line voltage and 200V phase voltages. A neutral point is shown on the right with a ground symbol.

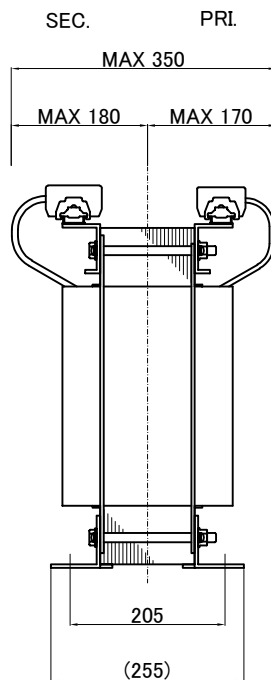
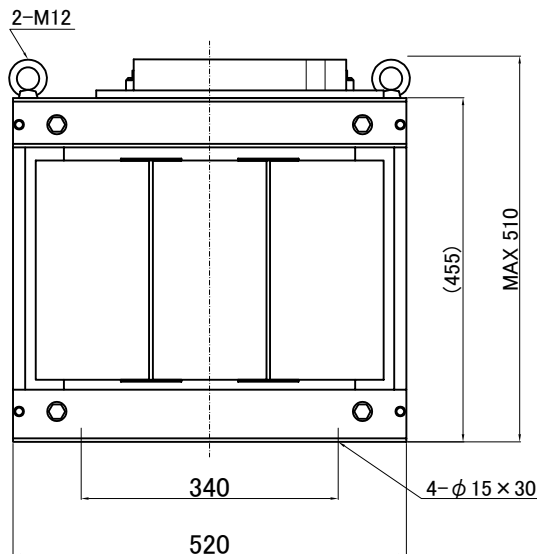
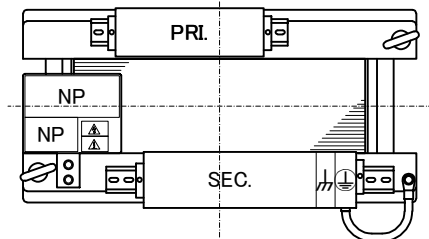
PRI.

380	U	400	415	PRI	V	400	415	380	400	415	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.	380/400/415V		
2次電圧 Secondary Volt.	200/220V		
2次電流 Secondary Curr.	75/68.2A		
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	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 Recommended protection device rating			
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	設計 DESIGNED DATE 13.01.25	品名 DESCRIPTION Dry type Isolating Transformer		摘要 REMARKS	
	DRAWN M.Fujitaka	尺度 SCALE mm	単位 UNIT mm	型 名 MODEL	IEH3-YDB0260S-033
	APPROVED S.Murakami	表面処理 FINISH		図 番 DWG NO.	SYDB0260S033
今井電機株式会社					改訂 Ver. 4