

回路図
Circuit Diagram

The diagram illustrates a three-phase transformer circuit. The primary side (PRI.) consists of three identical windings, each with terminals labeled 380, 400, and 440. These are connected to the input phases U, V, and W. The secondary side (SEC.) also consists of three identical windings, each with terminals labeled 200, 220, and 240. These are connected to the output phases u, v, and w. A neutral point is indicated by a ground symbol.

PRI.

u	380	400	440
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PRI			
y	380	400	440

w	380	400	440
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SEC.

u	200	220
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v	200	220
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SEC	
w	200

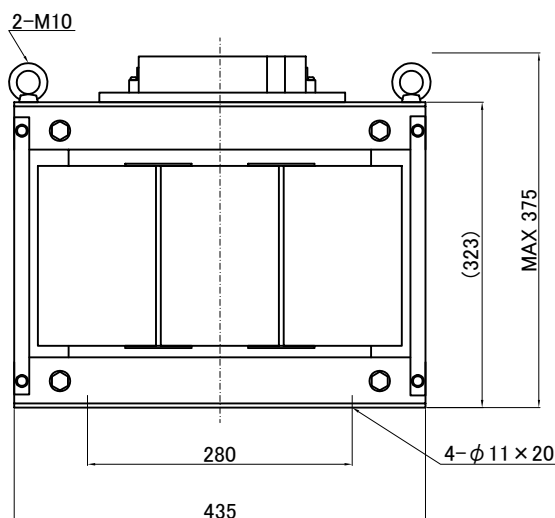
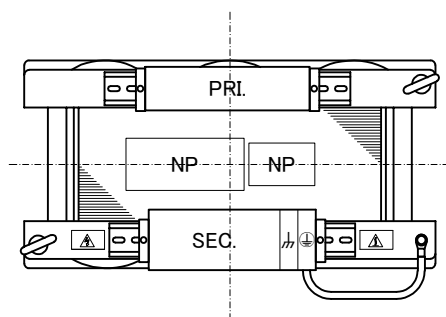
220

N

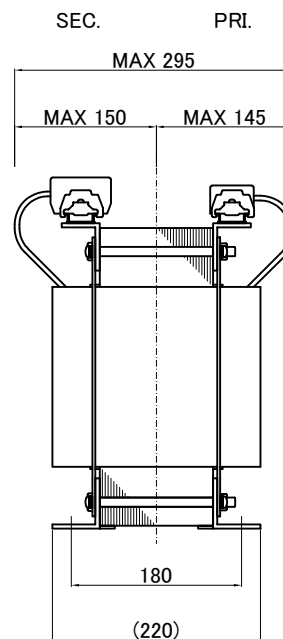
h

g

PRI.	PT-80	12P	M5	(2.0~3.0N・m)
SEC.	PT-90	7P	M6	(2.5~3.7N・m)
	PT-90	2P	M6	(2.5~3.7N・m)



仕様 Specification			
定格 Rating	連続 Cont.	結線 Connection	Δ - 
容量 Capacity	13.9 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.	40/36.5A		
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	110kg		
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 40A Sec. Circuit Breaker 40A (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 13.01.23	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-DYB0139S-063
APPROVED S.Murakami	表面処理 FINISH	図 番 DWG NO	SDYB0139S063 改訂 Ver. 4