

回路図
Circuit Diagram

The diagram illustrates a three-phase transformer with a delta primary and a star secondary. The primary is connected to a three-phase supply (U, V, W) with 380V/400V ratings. The secondary has four terminals (u, v, w, N) with 200V/220V ratings. A ground symbol is shown for the neutral point N.

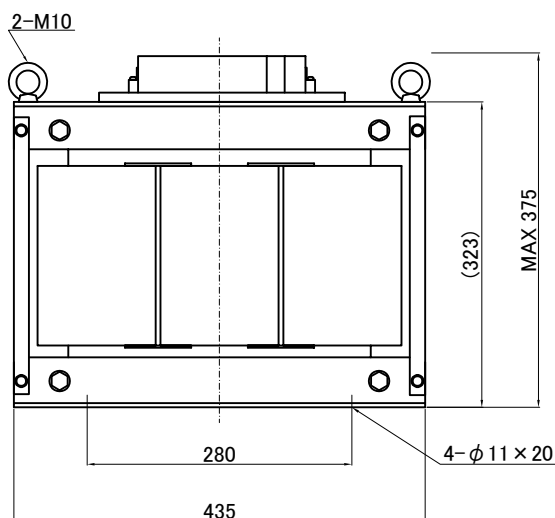
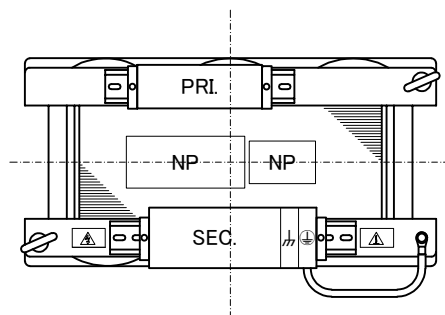
PRI.

U	380	400	V	PRI	380	400	W	380	400
---	-----	-----	---	-----	-----	-----	---	-----	-----

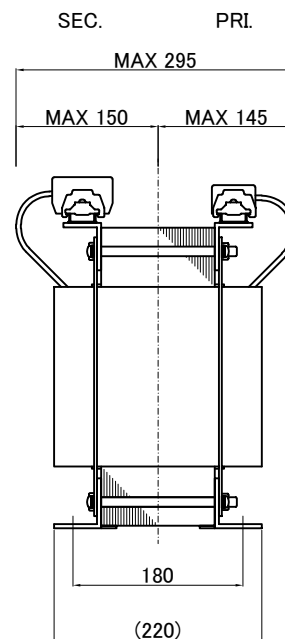
SEC.

u	200	220	v	200	SEC	220	w	200	220	N	$\frac{1}{2}$	$\frac{1}{2}$
---	-----	-----	---	-----	-----	-----	---	-----	-----	---	---------------	---------------

PRI.	PT-80	9P	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	連 続	結 線	Δ - 
Rating	Cont.	Connection	
容 量	13.9 kVA		
Capacity			
相 数	3~	周波数	50/60Hz
Phase		Frequency	
1次電圧	380/400V		
Primary Volt.			
2次電圧	200/220V		
Secondary Volt.			
2次電流	40/36.5A		
Secondary Curr.			
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			
絶縁種別	Class 180(H)		
Insulation Class			
定格周囲温度	40℃		
Ambient Temp.			
適用規格	UL1561		
Standard	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.	E258403		
UL File No.			
EN, IECマーク	Non short circuit proof isolating transformer		
EN, IEC Mark			
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 単位 UNIT mm	型 名 MODEL IEH3-DYB0139S-303
APPROVED S.Murakami	表面処理 FINISH 図 番 DWG NO.	SDYB0139S303 改訂 Ver. 4