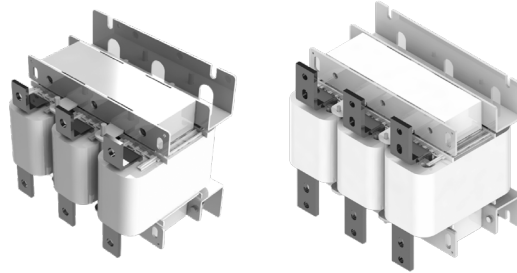
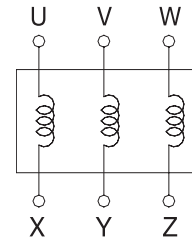


Terminal Type



Bus-Bar Type[55~220kW / 250~400kW]

● Circuit Diagram



인버터 사용으로 인한 입력전원의 고조파 발생 억제와 역률개선을 위한 제품으로 안전커버 부착형 개별 단자대가 적용 된 제품입니다.

This product is for improving power factor and suppressing the generation of harmonics of input power due to the use of inverter. It has an individual terminal block with safety cover.

● Specifications

Phase	3 Φ	
Frequency	0~60Hz	
Insulation Class	Class 180(H)	
Cooling	Natural cooling AN(Air Natural)	
Limited temp. rising	120 k	
Overload capability	1.6x rated current for 1 minute, once per hour	
Pollution degree	PD3	
Protection category	IP00	
Operating Temp. & Hum.	-20 ~ 40°C & 0 ~ 80% (Non - Condensing)	
Storage Temp. & Hum.	-20 ~ 50°C & 0 ~ 80% (Non - Condensing)	
Dielectric withstand voltage	Between each terminal & body (3.0kVAC for 1min.)	
Insulation Resistance	Min. 100MΩ, at 500VDC Megger	
Related Standard	IEC 61558-1	Safety of power transformers, power supplies, reactors and similar products - Part 1 : General Requirements and tests
	IEC 61558-2-20	Safety of transformers, reactors, power supplies units and combination thereof - Part 2-20 : Particular requirements and tests for small reactors
	UL 1446	Systems of Insulating Materials - General
Lifetime(calculated)	20Years	
Warranty	1Year	

● 380~480V Terminal Type

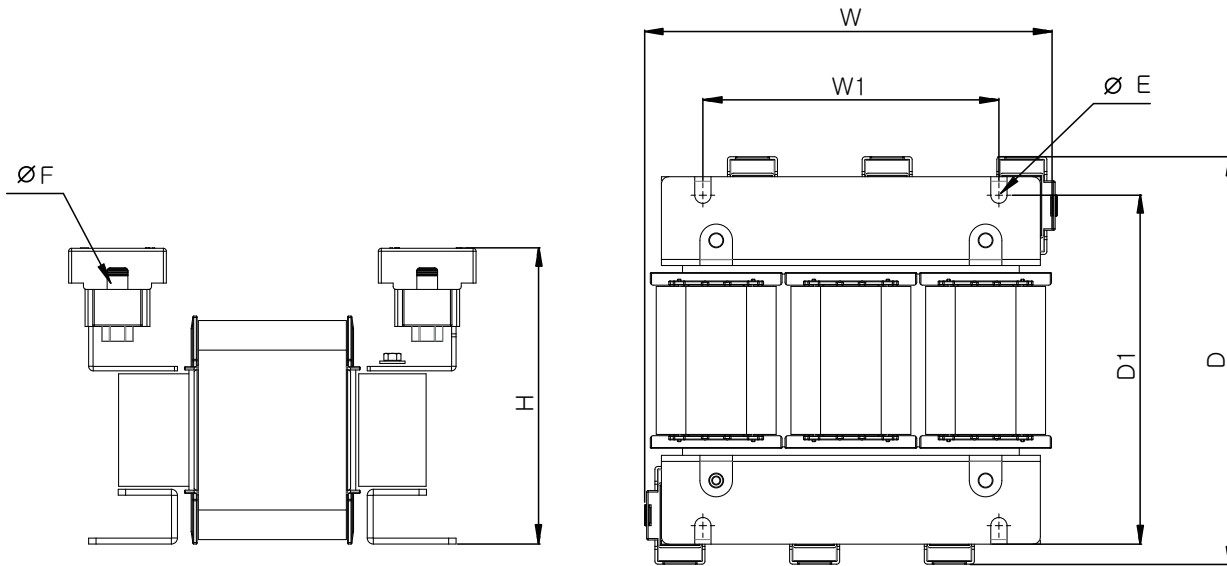
MODEL	용량(kW)	Impedance Voltage (%)	정격전류 (A)	인덕턴스 (mH)	Weight (kg)
WYACL4-0.4T	0.4	1.3 (at 60Hz)	1.1	7.239	4
WYACL4-0.75T	0.75		1.7	4.684	4
WYACL4-1.1T	1.1		2.5	3.185	4
WYACL4-1.5T	1.5		3.4	2.342	4.1
WYACL4-2.2T	2.2		7.5	1.061	5.2
WYACL4-3T	3		8.7	0.915	5.2
WYACL4-3.7T	3.7		10	0.796	5.4
WYACL4-4T	4		12	0.663	6.9
WYACL4-5.5T	5.5		15	0.53	7.2
WYACL4-7.5T	7.5		20	0.398	8.5
WYACL4-11T	11		30	0.265	10.1
WYACL4-15T	15		38	0.209	10.5
WYACL4-18.5T	18.5		50	0.159	13.9
WYACL4-22T	22		58	0.137	14.2
WYACL4-30T	30		67	0.118	19.2
WYACL4-37T	37		82	0.097	19.9
WYACL4-45T	45		100	0.079	20.9

● 380~480V Bus-Bar Type

MODEL	용량(kW)	Impedance Voltage (%)	정격전류 (A)	인덕턴스 (mH)	Weight (kg)
WYACL4-55B	55	1.3 (at 60Hz)	121	0.065	31.7
WYACL4-75B	75		167	0.047	32.8
WYACL4-90B	90		201	0.039	33.5
WYACL4-110B	110	1.0 (at 60Hz)	245	0.025	35.9
WYACL4-132B	132		290	0.021	36.6
WYACL4-160B	160		357	0.017	38.4
WYACL4-185B	185		420	0.015	49.8
WYACL4-200B	200	0.8 (at 60Hz)	454	0.013	50.9
WYACL4-220B	220		500	0.012	53.1
WYACL4-250B	250		560	0.009	63.9
WYACL4-280B	280		630	0.008	65.4
WYACL4-315B	315		710	0.007	65.4
WYACL4-350B	350		800	0.006	76.2
WYACL4-375B	375		840	0.006	76.2
WYACL4-400B	400		900	0.005	76.2

● Dimension of page 173~174

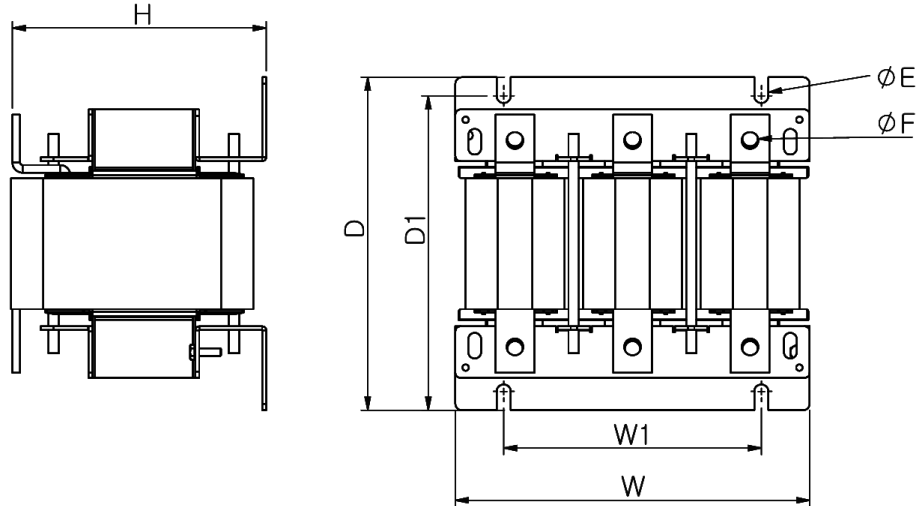
● Terminal Type Dimension



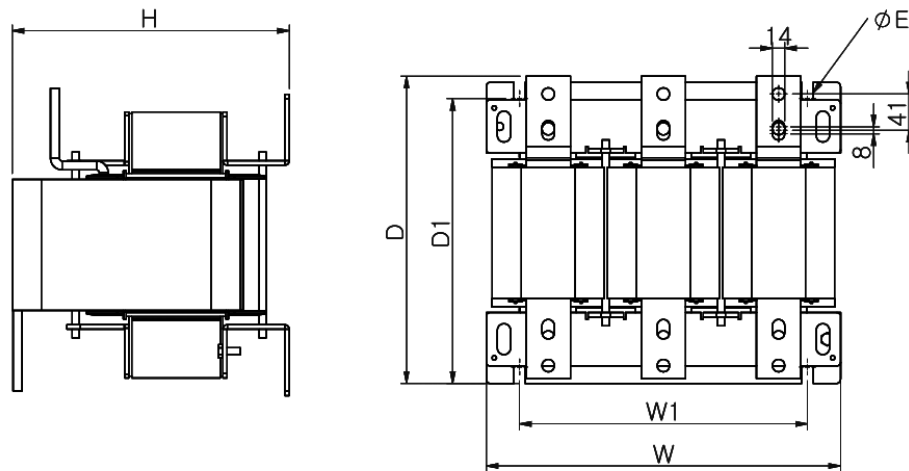
Type	Line Voltage[V]	Capacity [kW]	Dimensions[mm]						
			W	D	H	W1	D1(±5)	ø E	ø F
ACR2	200 ~ 240	0.4 / 0.75 / 1.1 / 1.5	163	162	111	100	130	6 × 7.7	M5
		2.2 / 3 / 3.7	163	162	126	100	130	6 × 7.7	M5
		4 / 5.5 / 7.5	183	158	133	111	129	9 × 9.5	M5
		11 / 15	219	212	156	160	168	11 × 23	M6
		18.5 / 22	219	212	181	160	168	11 × 23	M8
		30 / 37 / 45	255	244	182	200	200	11 × 22.5	M8
ACR4	380 ~ 480	0.4 / 0.75 / 1.1 / 1.5	163	162	111	100	130	6 × 7.7	M5
		2.2 / 3 / 3.7	163	162	126	100	130	6 × 7.7	M5
		4 / 5.5 / 7.5	183	158	133	111	129	9 × 9.5	M5
		11 / 15	219	212	156	160	168	11 × 23	M6
		18.5 / 22	219	212	181	160	168	11 × 23	M6
		30 / 37	255	244	182	200	200	11 × 22.5	M6
		45	255	244	128	200	200	11 × 22.5	M8
		55	279	274	200	200	236	11 × 18	M8
ACL2	200 ~ 240	0.4 / 0.75 / 1.1 / 1.5	163	162	111	100	130	6 × 7.7	M5
		2.2 / 3 / 3.7	163	162	126	100	130	6 × 7.7	M5
		4 / 5.5 / 7.5	183	158	133	111	129	9 × 9.5	M5
		11 / 15	219	213	156	160	168	11 × 23	M6
		18.5 / 22	219	213	181	160	168	11 × 23	M8
ACL4	380 ~ 480	0.4 / 0.75 / 1.1 / 1.5	163	162	111	100	130	6 × 7.7	M5
		2.2 / 3 / 3.7	163	162	126	100	130	6 × 7.7	M5
		4 / 5.5 / 7.5	183	158	133	111	129	9 × 9.5	M5
		11 / 15	219	213	156	160	168	11 × 23	M5
		18.5 / 22	219	213	181	160	168	11 × 23	M6
		30 / 37	255	244	182	200	200	11 × 22.5	M6
		45	255	245	182	200	200	11 × 22.5	M8

● Bus-Bar Type Dimension

30 ~ 220kW



250 ~ 400kW



Type	Line Voltage [V]	Capacity [kW]	Dimensions[mm]						
			W	D	H	W1	D1(±5)	ø E	ø F
ACR2	200~240	55 / 75 / 90	275	258	198	200	243.5	11 × 20	13
		110 / 132 / 160	330	303	203	260	288.5	11 × 20	13
		185 / 200 / 220	330	303	233	260	288.5	11 × 20	13
ACR4	380~480	110 / 132 / 160	330	303	203	260	288.5	11 × 20	13
		185 / 200 / 220	330	303	233	260	288.5	11 × 20	13
		250 / 280 / 315	360	328	260	300	306.5	13 × 25	14, 14 × 22
		350 / 375 / 400	400	347	270	325	321.5	13 × 25	14, 14 × 22
ACL2	200~240	30 / 37 / 45	232	217	146	200	202	11 × 22.5	8
		55 / 75 / 90	275	258	198	200	243.5	11 × 20	13
		110 / 132 / 160	330	303	203	260	288.5	11 × 20	13
		185 / 200 / 220	330	303	233	260	288.5	11 × 20	13
ACL4	380~480	55 / 75 / 90	271	247	164	200	236	11 × 18	8
		110 / 132 / 160	330	303	203	260	288.5	11 × 20	13
		185 / 200 / 220	330	303	233	260	288.5	11 × 20	13
		250 / 280 / 315	360	328	260	300	306.5	13 × 25	14, 14 × 22
		350 / 375 / 400	400	347	270	325	321.5	13 × 25	14, 14 × 22