

● 제동 저항

제품 정의

▶ Inverter가 Motor를 구동하게 되는 경우 발생하는 회생에너지를 Dynamic Braking Unit와 함께 열로써 소비시켜주는 제품

기술자료

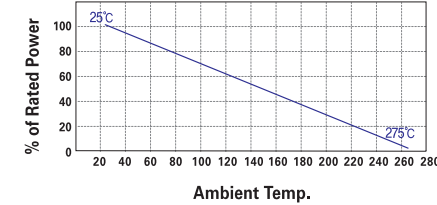
■ CHARACTERISTICS

Temperature range	-55℃ ~ 200℃
Insulation resistance	Over 100MΩ
Dielectric strength	AC 2,500V / 1Min
Temperature coefficient	± 260ppm / °C max

제품 특징

▶ 회생에너지 소모장치
▶ Motor의 빈번한 가감속 및 급감속 설비에 DBU와 함께 사용
▶ DBU의 사양에 맞는 저항 선정 필요

■ POWER DERATING CURVE



제품 사양



ITMCR Series

▶ 제품 품명

ITMCRXXX-W



■ A Type

[단위 : mm]

Model	Rated Wattage	Resistance Range(Ω) W	Resistance Range(Ω) N	Tolerance	L1	L2	W	H
ITMCR0060-W	60W	0.1~1.0k	0.1~200	J : ±5%	75	90	45	25
ITMCR0080-W	80W	0.1~1.0k	0.1~200		115	130	45	25
ITMCR0100-W	100W	0.1~1.2k	0.1~350		135	150	45	25
ITMCR0120-W	120W	0.1~1.5k	0.1~500		165	180	45	25
ITMCR0150-W	150W	0.1~1.5k	0.1~500		165	180	25	25
ITMCR0200-W	200W	0.1~2.0k	0.1~1.0k		215	230	45	25
ITMCR0250-W	250W	0.1~2.0k	0.1~1.0k		265	280	45	25

■ B Type

[단위 : mm]

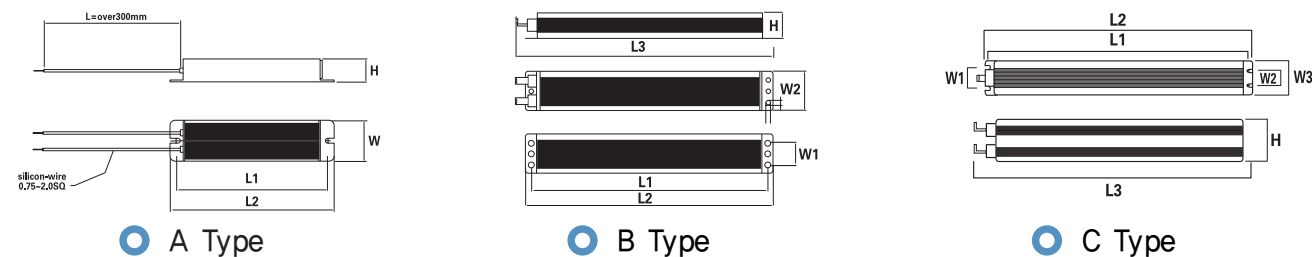
Model	Rated Wattage	Resistance Range(Ω) W	Resistance Range(Ω) N	Tolerance	L1	L2	L3	W1	W2	H
ITMCR0300-W	300W	0.1~500	0.1~200	J : ±5%	170	190	207	39	70	45
ITMCR0400-W	400W	0.1~600	0.1~300		200	220	237	39	70	45
ITMCR0500-W	500W	0.1~600	0.1~300		220	240	257	39	70	45
ITMCR0600-W	600W	0.1~800	0.1~350		240	260	277	39	70	45
ITMCR0800-W	800W	0.1~1.0k	0.1~500		280	300	317	39	70	45
ITMCR1000-W	1000W	0.1~1.5k	0.1~700		320	340	357	39	70	45
ITMCR1200-W	1200W	0.1~2.0k	0.1~1.0k		380	400	417	39	70	45
ITMCR1500-W	1500W	0.1~5.0k	0.1~2.0k		420	440	457	39	70	45
ITMCR2000-W	2000W	0.1~7.0k	0.1~3.0k		490	510	527	39	70	45

■ C Type

Model	Rated Wattage	Resistance Range(Ω) W	Resistance Range(Ω) N	Tolerance	L1	L2	L3	W1	W2	W3	H
ITMCR2400-W	2400W	0.1~10k	0.1~5.0k	J : ±5%	465	480	497	44	30	70	80
ITMCR3000-W	3000W	0.1k~13k	0.1~7.0k		525	550	567	44	30	70	80

[단위 : mm]

■ Dimension



※ 성능 향상을 위해 치수 및 사양은 예고 없이 변경될 수 있습니다.

제품 사양



ITMCR Series (Set & Set Fan Type)

▶ 제품 품명

ITMCRXXX-K-XX

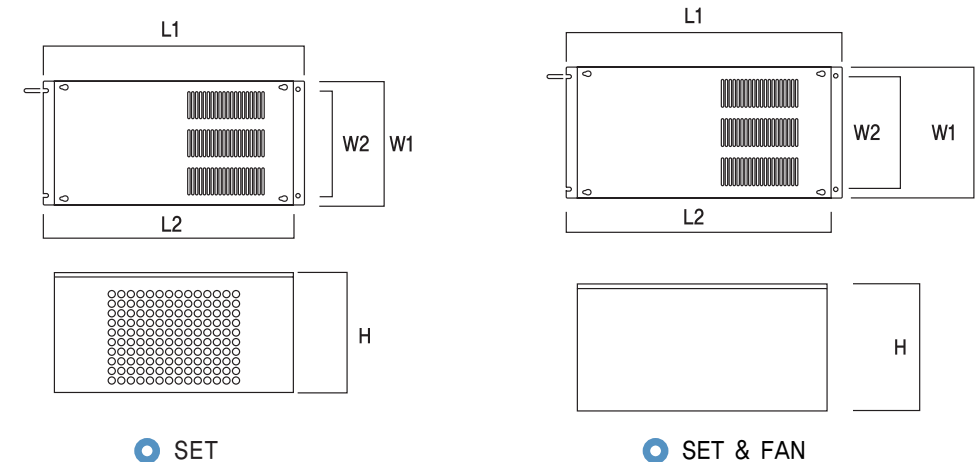


▶ Set & Set Fan Type

[단위 : mm]

Model	Rated Wattage	Resistance Range(Ω) W	Resistance Range(Ω) N	Tolerance	L1	L2	W1	W2	H
ITMCR020-K-S(F)	2kW	0.1~5.0k	0.1~2.0k	J : ±5%	550	525	183	140	125
ITMCR024-K-S(F)	2.4kW	0.1~5.0k	0.1~2.0k		550	525	183	140	125
ITMCR030-K-S(F)	3.0kW	0.1~7.0k	0.1~3.0k		550	525	263(183)	220(140)	125
ITMCR036-K-S(F)	3.6kW	0.1~7.0k	0.1~4.0k		550	525	263(183)	220(140)	125
ITMCR040-K-S(F)	4.0kW	0.1~8.0k	0.1~4.0k		550	525	183	140	182
ITMCR048-K-S(F)	4.8kW	0.1~8.0k	0.1~4.0k		550	525	183	140	182
ITMCR050-K-S(F)	5.0kW	0.1~8.0k	0.1~5.0k		550	525	183	140	182
ITMCR060-K-S(F)	6.0kW	0.1~10k	0.1~5.0k		550	525	263	220	182
ITMCR064-K-S(F)	6.4kW	0.1~10k	0.1~5.0k		550	525	263	220	182
ITMCR072-K-S(F)	7.2kW	0.1~10k	0.1~6.0k		550	525	263	220	182
ITMCR080-K-S(F)	8.0kW	0.1~12k	0.1~6.0k		550	525	263	220	252
ITMCR096-K-S(F)	9.6kW	0.1~13k	0.1~6.0k		550	525	263	220	252
ITMCR100-K-S(F)	10kW	0.1~13k	0.1~6.0k		550	525	263	220	252
ITMCR120-K-S(F)	12kW	0.1~15k	0.1~7.0k		550	525	263	220	322
ITMCR150-K-S(F)	15kW	0.1~17k	0.1~8.0k		550	525	263	220	392
ITMCR180-K-S(F)	18kW	0.1~20k	0.1~10k		550	525	263	220	392
ITMCR200-K-S(F)	20kW	0.1~23k	0.1~12k		550	525	350	300	392
ITMCR250-K-S(F)	25kW	0.1~27k	0.1~18k		550	525	350	300	392
ITMCR300-K-S(F)	30kW	0.1~30k	0.1~20k		550	525	430	380	392
ITMCR360-K-S(F)	36kW	0.1~38k	0.1~22k		550	525	430	380	462

▶ Dimension



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