



ALUMINIUM HOUSED RESISTOR; PROFILE – 60 X 31, 31 X 60

PHCH/PHCV

The PHCV/PHCH Aluminium Housed resistor are compact high power resistors. They are designed to absorb large pulse and overloads and are well suited for applications like braking and precharge. This high impulse absorption capability makes them well suited for use in power electronic circuits like frequency convertors and robotic controls.

Forced air cooling can significantly improve the performance of the resistor.



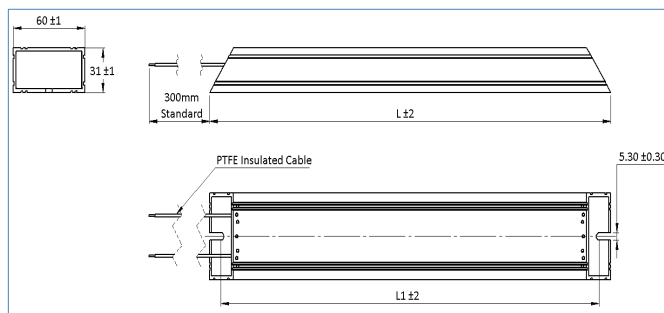
GENERAL SPECIFICATION

Resistor Type	PHCV/PHCH
Tolerance	±5%, ±10%
Operating Voltage(Nominal)	Standard - 690VAC/1100VDC; On Request –1000VAC/ 1400VDC
Insulation Resistance	≥100MΩ @ 1000 VDC
Dielectric Strength	3500VAC for 1 Minute Between Terminal and Aluminium Body
TCR	≤ 200ppm/°C
Resistor Element	Wire Wound
Cable(L)	300 mm Standard; PTFE Insulated; 600V; 200°C
Resistor Body	Anodized Extruded Aluminium Profile
Ingress Protection	IP54

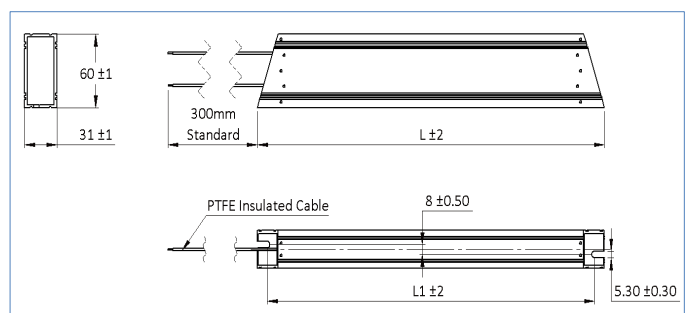
TECHNICAL DATA

Type	P _n @ 40°C	Max Tem (°C)	R Value Range (Ω)	L	L1
PHCH/PHCV165	110	265	1R0 – 6K8	165	146
PHCH/PHCV215	155	270	1R0 – 8K2	215	196
PHCH/PHCV265	200	270	1R0 – 10K	265	246
PHCH/PHCV335	270	280	1R2 – 10K	335	316
PHCH/PHCV405	330	285	2R2 – 10K	405	386

COMPONENT DRAWING:



PHCH



PHCV



Precision Electronic Components Mfg. Co.

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PHCH/PHCV

SHORT TERM OVERLOAD

Duty Cycle	60%	40%	25%	15%	6%	3%	1%
Over load Factor	1.5	2.2	3.0	4.2	8.2	13	22

*These overload factors are valid for a total cycle time of maximum 120s / Typical overload rating given for 40Ω resistance value. It can change depending resistance value.

ORDERING CODE:

PEC Type	Ohmic Value	Tolerance	Packing	Termination	Cable Length
PHCH/PHCV165 PHCH/PHCV215 PHCH/PHCV265 PHCH/PHCV335 PHCH/PHCV405	10Ω – 10R 1500Ω – 1K5 2000 Ω – 2K	5%-J 10%-K	Bulk - B	Cable - C Special - M	Standard-X Custom- M-Length

FULL PART NUMBER: PHCV335-6R-JBCM-1m

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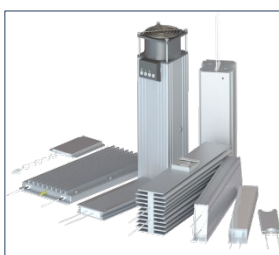
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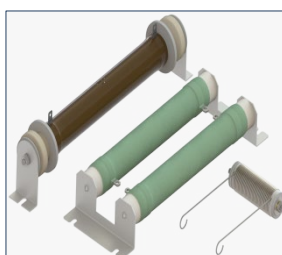
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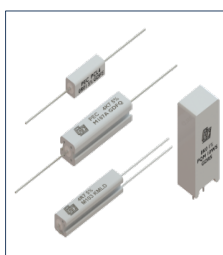
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Aluminium Heaters & Resistors



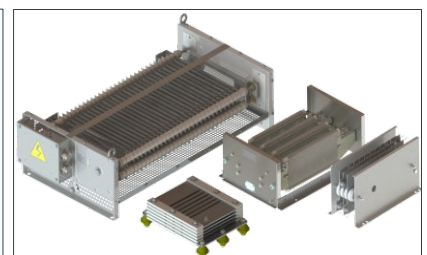
Tubular Power Resistor



Boat & Ceramic Case Resistors



Load Bank



Traction Resistors