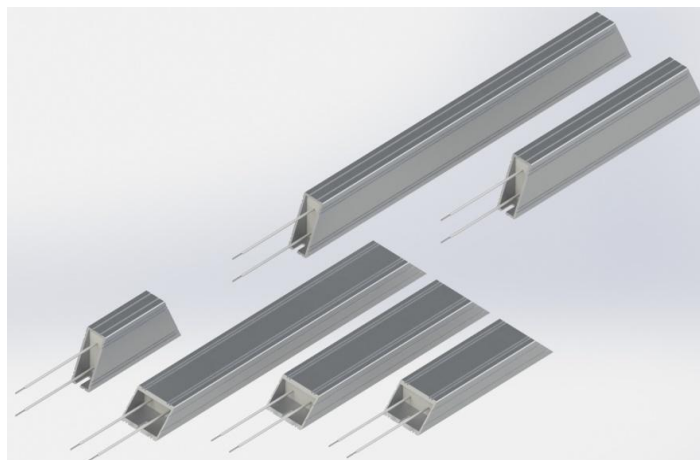




ALUMINIUM HOUSED RESISTOR; PROFILE – 40 x 20, 20 x 40

PHBH/PHBV Rev A

The PHBH/PHBV series of aluminium housed compact braking resistor are electrically insulated and small in size. They are carefully designed to withstand high pulse loads, as compared to their average power rating. These resistors are protected against dust accumulation due to the all-round metal casing. They are typically rated at IP54. These resistors are ideally used as power breaking resistors for power drive systems, industrial robots, elevators and cranes.



GENERAL SPECIFICATION

Working Voltage	690 VAC / 1100 VDC.
Dielectric Strength	3500VAC @ 1 min.
Isolation Resistance	> 20 MΩ.
Resistance Tolerance	5%, 10%
Operating Temperature	-40°C to + 70°C
Temperature Coefficient	< ± 200ppm
Cable- Standard	300mm, AWG 18 – AWG 14.
Cable Variants	We can supply specified different cables lengths with connectors or ferrule ends.

Type	Power @ 40°C, W	Temp Rise at Rated Power, °C	Width (W) ± 2	Height (H) ± 2	Length (L) ± 2	Pitch (P) ± 2	Pitch (P) ± 2	Lateral Distance (D) ± 2	Res Ω ±10%
PHBH100 PHBV100	60	230	40	20.6	100	82	4.3	8	0.5-300
PHBH150 PHBV150	80	230	40	20.6	150	132	4.3	8	0.5-500
PHBH165 PHBV165	100	240	40	20.6	165	147	4.3	8	1.0-750
PHBH210 PHBV210	125	240	40	20.6	210	192	4.3	8	1.0-1000
PHBH240 PHBV240	150	250	40	20.6	240	222	4.3	8	1.0-1000
PHBH300 PHBV300	180	250	40	20.6	300	282	4.3	8	1.0- 1000
PHBH360 PHBV360	200	250	40	20.6	360	342	4.3	8	2.0-1000

All dim in mm



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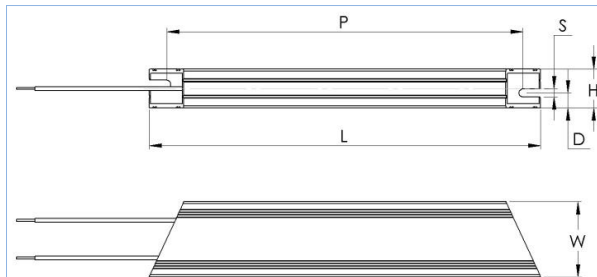


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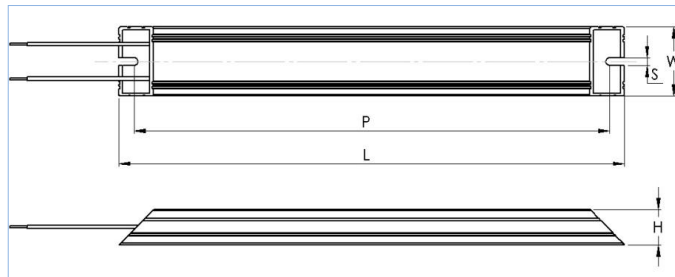
ALUMINIUM HOUSED RESISTOR; PROFILE – 40 x 20, 20 x 40

PHBH/PHBV Rev A

COMPONENT DRAWING:



PHBV TYPE



PHBH TYPE

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

ORDERING CODE:

PEC Type	Ohmic Value	Tolerance	Voltage	Termination	UL Rating
PHBH/PHBV100 PHBH/PHBV150 PHBH/PHBV165 PHBH/PHBV210 PHBH/PHBV240 PHBH/PHBV300 PHBH/PHBV360	0.5 Ω » 0R5 10 Ω » 10R 1000 Ω » 1K0	5% » J 10% » K	Standard » S 1000V » M	Cable » C Special » M	Non UL » X

FULL PART NUMBER: PHBH300-4R7-JSCX



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ALUMINIUM HOUSED RESISTOR; PROFILE – 40 x 20, 20 x 40

PHBH/PHBV Rev A

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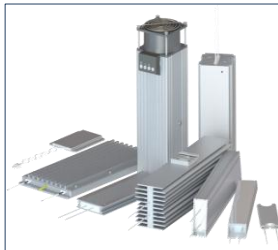
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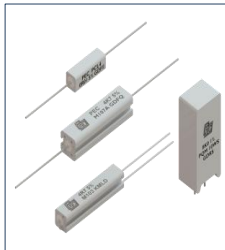
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Aluminium Heaters & Resistors



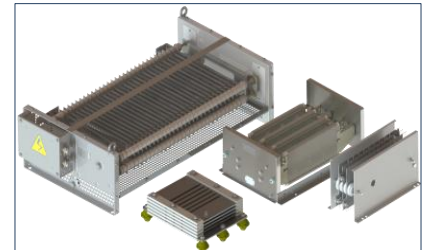
Tubular Power Resistor



Boat & Ceramic Case Resistors



Load Bank



Traction Resistors