



## Performance

### Electrical

Dielectric Withstand Voltage	3000V AC.
Max. Working Voltage	600V RMS (i.e., minimum creepage distance 10 millimeters, minimum clearance 8 millimeters, per IEC 60309-1 for devices rated over 500V).
Current Interrupting	Certified for current interrupting at full rated current (Except DC rated devices).
Temperature Rise	Max. 30°C temperature rise at full rated current after 50 cycles of overload at 150% of rated current at a power factor of 75%.
Endurance	5,000 connect and disconnect cycles with load for 16A and 20A, 1,000 cycles with load and 1,000 cycles without load for 30A, 32A, 60A and 63A, and 250 cycles with load and 250 cycles without load for 100A and 125A.

### Mechanical

Impact Resistance	Per CSA C22.2 No. 182.1 / UL1682.
Cord Grip Cable Retention	Per CSA C22.2 No. 182.1 / UL1682.
Cord Accommodation	Round portable service cords of diameters commensurate with the device rating as defined in UL Standard 62, CSA C22.2 No. 49 and the harmonized <HAR> European Standards.
Terminal Identification	Terminals identified in accordance with North American and IEC conventions.
Product Identification	Identification and ratings are a permanent part of the device housing.

### Environmental

Moisture Resistance	Watertight per IEC 60309-1.
Ingress Protection	IP67 Suitability.
Flammability	HB or better per UL 94 or CSA C22.2 No. 0.17.
Operating Temperatures	Maximum Continuous 75°C; Minimum - 40°C without impact.

### Materials

Housings	Nylon.
All Other Materials	Resistant to corrosion and chemical attack.

Note: Specification sheets for all other Pin and Sleeve catalog numbers are available upon request.

## Horsepower Ratings for IEC Pin and Sleeve

AC Voltage Rating	Horsepower	Catalog Number			
3Ø 250	2	<b>HBL420R9W</b>	<b>HBL420P9W</b>	<b>HBL420C9W</b>	<b>HBL420B9W</b>
3Ø 480	5	<b>HBL420R7W</b>	<b>HBL420P7W</b>	<b>HBL420C7W</b>	<b>HBL420B7W</b>
3Ø 600	7.5	<b>HBL420R5W</b>	<b>HBL420P5W</b>	<b>HBL420C5W</b>	<b>HBL420B5W</b>
3ØY 120/208	.5	<b>HBL520R9W</b>	<b>HBL520P9W</b>	<b>HBL520C9W</b>	<b>HBL520B9W</b>
3ØY 277/480	5	<b>HBL520R7W</b>	<b>HBL520P7W</b>	<b>HBL520C7W</b>	<b>HBL520B7W</b>
3ØY 347/600	7.5	<b>HBL520R5W</b>	<b>HBL520P5W</b>	<b>HBL520C5W</b>	<b>HBL520B5W</b>
3Ø 250	3	<b>HBL430R9W</b>	<b>HBL430P9W</b>	<b>HBL430C9W</b>	<b>HBL430B9W</b>
3Ø 480	7.5	<b>HBL430R7W</b>	<b>HBL430P7W</b>	<b>HBL430C7W</b>	<b>HBL430B7W</b>
3Ø 600	10	<b>HBL430R5W</b>	<b>HBL430P5W</b>	<b>HBL430C5W</b>	<b>HBL430B5W</b>
3ØY 120/208	2	<b>HBL530R9W</b>	<b>HBL530P9W</b>	<b>HBL530C9W</b>	<b>HBL530B9W</b>
3ØY 277/480	7.5	<b>HBL530R7W</b>	<b>HBL530P7W</b>	<b>HBL530C7W</b>	<b>HBL530B7W</b>
3ØY 347/600	10	<b>HBL530R5W</b>	<b>HBL530P5W</b>	<b>HBL530C5W</b>	<b>HBL530B5W</b>
3Ø 250	5	<b>HBL460R9W</b>	<b>HBL460P9W</b>	<b>HBL460C9W</b>	<b>HBL460B9W</b>
3Ø 480	10	<b>HBL460R7W</b>	<b>HBL460P7W</b>	<b>HBL460C7W</b>	<b>HBL460B7W</b>
3Ø 600	15	<b>HBL460R5W</b>	<b>HBL460P5W</b>	<b>HBL460C5W</b>	<b>HBL460B5W</b>
3ØY 120/208	3	<b>HBL560R9W</b>	<b>HBL560P9W</b>	<b>HBL560C9W</b>	<b>HBL560B9W</b>
3ØY 277/480	10	<b>HBL560R7W</b>	<b>HBL560P7W</b>	<b>HBL560C7W</b>	<b>HBL560B7W</b>
3ØY 347/600	15	<b>HBL560R5W</b>	<b>HBL560P5W</b>	<b>HBL560C5W</b>	<b>HBL560B5W</b>
3Ø 250	10	<b>HBL4100R9W</b>	<b>HBL4100P9W</b>	<b>HBL4100C9W</b>	<b>HBL4100B9W</b>
3Ø 480	30	<b>HBL4100R7W</b>	<b>HBL4100P7W</b>	<b>HBL4100C7W</b>	<b>HBL4100B7W</b>
3Ø 600	30	<b>HBL4100R5W</b>	<b>HBL4100P5W</b>	<b>HBL4100C5W</b>	<b>HBL4100B5W</b>
3ØY 120/208	10	<b>HBL5100R9W</b>	<b>HBL5100P9W</b>	<b>HBL5100C9W</b>	<b>HBL5100B9W</b>
3ØY 277/480	30	<b>HBL5100R7W</b>	<b>HBL5100P7W</b>	<b>HBL5100C7W</b>	<b>HBL5100B7W</b>
3ØY 347/600	30	<b>HBL5100R5W</b>	<b>HBL5100P5W</b>	<b>HBL5100C5W</b>	<b>HBL5100B5W</b>