

Power Quality Products

TVSS Products

Branch Panel

Wired-In Surge Protection

80,000 and 100,000 Peak Amperage Capacity



HBL4W100A



HBL4W100A



HBLWFMA
(W100 Series Only)

Wired-in Branch Panel Surge Protection (100,000 Peak Amperage) 5kA Short Circuit Current Rating*

Voltage	Catalog Numbers	Without Filter
Single Phase 120/240V AC	HBL3W100A	HBL3W100NFA
3Ø Wye 120/208V AC	HBL4W100A	HBL4W100NFA
3Ø Delta 240V AC	HBL5W100A	-
3Ø Delta 240/120V AC	HBL6W100A	-
3Ø Wye 220/380V AC	HBL7W100A	-
3Ø Wye 277/480V AC	HBL8W100A	-
3Ø Delta 480V AC	HBL9W100A	-
3Ø Wye 347/600V AC	HBL10W100A	-
3Ø Delta 600V AC	HBL11W100A	-

Notes: Flush mount adapter available, catalog number HBLWFMA.

For technical information, see page J-17.

** 22kA SCCR w/field installed fusing, see instructions.*

Wired-in Branch Panel Surge Protection (80,000 Peak Amperage) 100kA Short Circuit Current Rating

Voltage	Catalog Numbers
Single Phase 120/240V AC	HBL3W80+
3Ø Wye 120/208V AC	HBL4W80+
3Ø Wye 220/380V AC	HBL7W80+
3Ø Wye 277/480V AC	HBL8W80+
3Ø Delta 480V AC	HBL9W80+

Note: + Non-metallic NEMA 4X housing

Wired-In Branch Panel Surge Protection

The wired-in surge suppression block design is ideal for areas where space is a major consideration. The surge unit can be mounted directly to the panel through a chase nipple connection which will reduce lead length and impedance while increasing protection levels. The 100W series has a 5 kA SCCR which may be increased to 22 kA with the use of fusing to achieve the higher rating. The 120/240V single phase and 120/208V three phase models of the 100W family are available in a non-filtered version. The non-filtered version will not interfere with clocking and power line carrier signals (for lighting controls) by allowing safe passage for the control signals while maintaining protection for the sensitive electronic system. The control signals, if filtered, could cause certain systems to go out of synchronization. The 80W series has a 100 kA SCCR rating and features a non-metallic NEMA 4X housing for outdoor applications or when used on the plant floor in wash-down areas.

Features	Benefits
Thermal fusing (100W).	Thermal fuse prevents the MOVs from overheating when exposed to high current levels, a patented Hubbell exclusive.
Compact design.	Allows installation in areas with space restrictions and helps minimize connecting lead length which can cause higher impedance.
80/100kA peak amp capacity.	Provides high level of protection for equipment under severe electrical conditions.
LED & audible alarm.*	Provides visual and audible indication of suppressor status.
Sine wave tracking.	Provides uniform clamping throughout the sine wave.

Notes: Wired-in products are UL Listed to Standard 1449.

** 80W series features LED only.*