

Feature/benefits

- Enclosed, safer installation; IP20 finger-safe under specific conditions
- High short-circuit current ratings up to 200kA: PDBs do not have to be the weak link in achieving high SCCR for an industrial control panel
- Small footprint saves panel space
- Listed to UL 1953 which has minimum spacing requirements at 600V of at least 1" through air and 2" over surface required for feeders in UL 508A Industrial Control Panels
- For 2D CAD drawings visit Eaton.com/bussmannseries



Electrical

- 600Vac/dc (UL 1953), 690Vac/dc (IEC)
- IP20 finger-safe under specific conditions
- Short-circuit current ratings up to 200kA, see table
- Ampacities up to 760 amps
- Cu/Al wire range 14 AWG to 500 kcmil or 2.5 to 240 mm²

Mechanical

- DIN-Rail or panel mount; PDBFS330 and PDBFS504 panel mount only
- Captive termination screws; screws do not get misplaced
- Wire ready: captive termination screws shipped backed out to save time on conductor installations
- Sliding DIN-Rail latch for easy mounting
- Single pole, gang mountable for multiple pole applications with interlocking dovetail accessory (optional)
- Flammability, UL 94V0
- Tin-plated Al connectors suitable for Cu/Al conductors
- Elongated hole for panel mounting; easier mounting with greater flexibility in matching up with drilled panel holes
- Part 2A1279: Interlocking dovetail pin accessory
- One pin interlocks two units, two pins to interlock three units
- DIN-Rail end anchors required to prevent damage to block when torquing

Agency/standards

- UL Listed 1953, Guide QPQS, File E256146
- CSA Certified, Class 6228-01, File 47235
- IEC 60947-7-1
- IEC 60529, IP20 (finger-safe) under specific wiring conditions

Series PDBFS

Electrical		Terminal copper conductor capability			Short-circuit current rating data								
		Line	Load	Configuration	Conductors		Max fuse Class and Amp**				SCCR		
Catalog number (All Single Pole)	Amps	Wire range	Wire range	Openings per pole		Line AWG or kcmil	Load AWG or kcmil	J	T	RK1		RK5	
				Line	Load			LPJ	JJS JJN	LPS-RK LPN-RK	FRS-R FRN-R		
PDBFS204	175A	2/0 to 8 AWG Cu/Al	2/0 to 8 AWG Cu/Al	○	○	2/0 to 8	2/0 to 8	200	200	100	60	200kA	
PDBFS220	175A	2/0 to 14 AWG Cu 2/0 to 8 Al	4 to 14 AWG Cu 4 to 8 AWG Al	○	⌢	2/0 to 8	4 to 12	200	200	100	60	200kA	
							4 to 14	175	175	100	30	100kA	
								200	200	100	60	50kA	
PDBFS303	310A	350kcmil to 6 AWG Cu/Al	350kcmil to 6 AWG Cu/Al	○	○	350 to 6	350 to 6	400	400	200	100	200kA	
PDBFS330	380A	500kcmil to 6 AWG Cu/Al	2 to 14 AWG Cu 2 to 12 Al	○	○○	500 to 6	2 to 6	400	400	200	100	200kA	
							2 to 14	200	200	100	60	50kA	
								175	175	100	30	100kA	
PDBFS377	570A	300kcmil to 4 AWG Cu/Al	4 to 14 AWG Cu 4 to 12 Al	○○	○○○○	300 to 4	300	4 to 8	600	600	400	200	200kA
							4 to 14	4	400	400	200	100	100kA
								200	200	100	60	50kA	
PDBFS500	620A	350kcmil to 4 AWG Cu/Al	350kcmil to 4 AWG Cu/Al	○○	○○	350 to 4	350 to 4	600	600	400	200	200kA	
PDBFS504	760A	500kcmil to 6 AWG Cu/Al	500kcmil to 6 AWG Cu/Al	○○	○○	500	500	600	800*	600	200	200kA	
						500 to 6	500 to 6	600	600	400	200	100kA	

Ampacities 75°C per NEC® Table 310.16 and UL508A Table 28.1

*Class L 800A (KRP-C 800_SP) or less fuses suitable for this particular SCCR case.

** Class G 60A (SC-60) or less or Class CC 30A (LP-CC-30, FNQ-R-30, KTK-R-30) or less are suitable for all SCCRs in this table.