



# System Components and Accessories

## OutBack Panel Mount Breakers

Panel mounted hydraulic-magnetic type breakers that can be used for DC sources, inverters or load circuits.



| Model              | Current Rating          | Voltage Rating | Branch Circuit | Terminals  | Width         |
|--------------------|-------------------------|----------------|----------------|------------|---------------|
| PNL-1-AC/DC        | 1A                      | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PLN-5-AC/DC        | 5A                      | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PNL-10-AC/DC       | 10A                     | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PNL-15-AC/DC       | 15A                     | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PNL-20-AC/DC       | 20A                     | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PNL-30-AC/DC       | 30A                     | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PNL-30-AC          | 30A                     | 250VAC         | NA             | 1/4" stud  | 0.75" (19 mm) |
| PNL-40-AC/DC       | 40A                     | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PNL-50-AC/DC       | 50A                     | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PNL-60-AC/DC       | 60A                     | 150VDC 120VAC  | 10k AIC        | 1/4" stud  | 0.75" (19 mm) |
| PNL-80-DC          | 80A                     | 150VDC         | N/A            | 1/4" stud  | 0.75" (19 mm) |
| PNL-100-DC         | 100A                    | 125VDC         | N/A            | 5/16" stud | 1.0" (26 mm)  |
| PNL-125-DC         | 125A                    | 125VDC         | N/A            | 5/16" stud | 1.0" (26 mm)  |
| PNL-175-DC         | 175A                    | 125VDC         | N/A            | 3/8" stud  | 1.5" (39 mm)  |
| PNL-250-DC         | 250A                    | 125VDC         | N/A            | 3/8" stud  | 1.5" (39 mm)  |
| PNL-50D-AC-120/240 | 50A<br>(ea. of 2 poles) | 120/240VAC     | 5k AIC         | 1/4" stud  | 1.5" (39 mm)  |

ETL Listed for 150 VDC max open circuit. For PV applications.

## OutBack DIN Mount Breakers

DIN rail mountable, hydraulic-magnetic type breakers that can be used for input, output or load circuits.



| Model          | Current Rating | Voltage Rating     | Branch Circuit | Variation   | Width         |
|----------------|----------------|--------------------|----------------|-------------|---------------|
| DIN-15-AC      | 15A            | 120VAC 50/60Hz     | 10k AIC        | Single pole | 0.50" (13 mm) |
| DIN-15D-AC     | 15A            | 120/240VAC 50/60Hz | 10k AIC        | Dual pole   | 1.0" (26 mm)  |
| DIN-20-AC      | 20A            | 120VAC 50/60Hz     | 10k AIC        | Single pole | 0.50" (13 mm) |
| DIN-20D-AC     | 20A            | 120/240VAC 50/60Hz | 10k AIC        | Dual pole   | 1.0" (26 mm)  |
| DIN-25D-AC     | 25A            | 120/240VAC 50/60Hz | 10k AIC        | Dual pole   | 1.0" (26 mm)  |
| DIN-10-AC-277  | 10A            | 277VAC 50/60Hz     | N/A            | Single pole | 0.5" (13 mm)  |
| DIN-15-AC-277  | 15A            | 277VAC 50/60Hz     | N/A            | Single pole | 0.5" (13 mm)  |
| DIN-30-AC-277  | 30A            | 277VAC 50/60Hz     | N/A            | Single pole | 0.5" (13 mm)  |
| DIN-30D-AC-480 | 30A            | 277/480VAC 50/60Hz | N/A            | Dual pole   | 1.0" (26 mm)  |
| DIN-30T-AC-480 | 30A            | 277/480VAC 50/60Hz | N/A            | Three pole  | 1.5" (39 mm)  |
| DIN-50-AC-277  | 50A            | 277VAC 50/60Hz     | N/A            | Single pole | 0.5" (13 mm)  |
| DIN-50D-AC-480 | 50A            | 277/480VAC 50/60Hz | N/A            | Dual pole   | 1.0" (26 mm)  |
| DIN-50T-AC-480 | 50A            | 277/480VAC 50/60Hz | N/A            | Three pole  | 1.5" (39 mm)  |
| DIN-60-AC-277  | 60A            | 277VAC 50/60Hz     | N/A            | Single pole | 0.5" (13 mm)  |
| DIN-60D-AC-480 | 60A            | 277/480VAC 50/60Hz | N/A            | Dual pole   | 1.0" (26 mm)  |