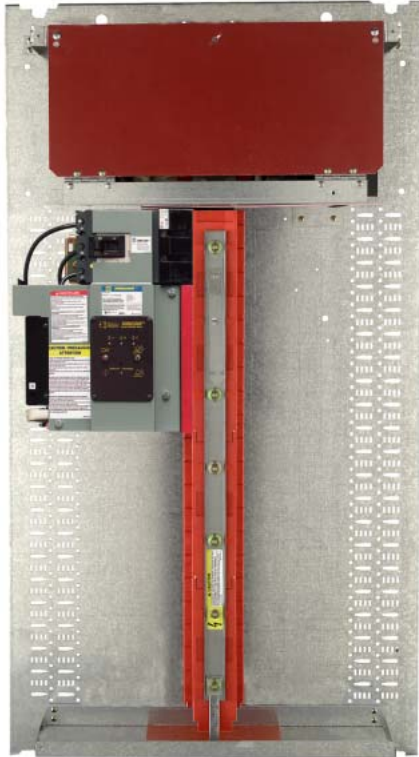


## I-Line® Circuit Breaker Panelboards Features and Benefits



I-Line Plug-On Unit with Surgelogic® TVSS



Equipment Ground Bar (Catalog No. PK32DGTA)



Typical Box Extensions



Blank Fillers (Catalog Nos. HNM4BL and HNM1BL)

### Short Circuit Current Rating (SCCR)

- SCCR is equal to the lowest interrupting capacity of a branch or main circuit breaker installed in the panelboard.
- I-Line panelboards, with branch circuit breakers installed, are short-circuit tested as complete units.
- All tests are conducted in accordance with UL 67 and CSA C22.2 (Standards for Panelboards).

With I-Limiter main circuit breaker, I-Line main circuit breaker panelboards are UL/CSA Listed for use on systems with up to a 200,000 maximum RMS symmetrical amperes available fault current (100 kA @ 600 VAC).

### I-Line Plug-on Unit with Surgelogic® TVSS

- Plug-on design requires less cable and conduit than end gutter-mounted TVSS unit, saving labor time and material costs.
- Bus-connected design enhances performance.
- Meets the requirements of UL and CSA for retrofit applications in existing I-Line panelboards and switchboards.
- Integrated TVSS and circuit breaker disconnects feature compact design, requiring only 13.50 inches (343 mm) of branch mounting space.
- SCCR up to 200 kA rating (100 kA @ 600 VAC) meets a wide variety of customer applications.

## ACCESSORIES

A wide variety of accessories are available for field or factory installation of I-Line panelboards.

### Equipment Ground Bars

Equipment ground bars mount in the panelboard box to provide convenient termination of equipment grounding conductors. They are available in copper or aluminum.

### Box Extensions

Box extensions provide additional end gutter for feeding cables into the end of the cabinet; they are UL/CSA Listed.

### Blank Fillers

Blank fillers are required to cover unused mounting space in I-Line panelboards.

### Backfed Main Breaker Barriers

Primarily for use in Canada, these barriers provide additional protection for backfed main breakers.

# I-Line® Circuit Breaker Panelboards Replacement Parts

## Solid Neutral Assemblies, Fronts, Blank Fillers, and Miscellaneous Items

When ordering, specify part number, quantity desired, and description of part, including complete panelboard nameplate data.

Solid Neutrals		
Code Letter	Description	Part Number
A	Solid Neutral Assemblies Neutral Base Screw, Base Mounting	40517-111-01 21903-20200
B	Neutral Bar Assembly Screw, Bar Mounting	80120-805-53 21590-00004
C	Neutral Bar Assembly Screw, Bar Mounting	80120-805-59 21590-00004
D	Neutral Bar Assembly Screw, Bar Mounting	80120-805-60 21590-00004
E	Neutral Bar Assembly Washer, Bar Mounting Screw, Bar Mounting	155642 23903-31401 21994-00003
F	Neutral Bar Assembly Screw, Bar Mounting Washer, Bar Mounting	80104-403-01 21401-20240 23903-31601
Not Shown	Bonding Strap 225 A 400 A, 600 (HC6SN) 600 (HCW6SN), 800, and 1200 A 800 A (HCP-SU-CT) 800 A (HCP-SU) 1200 A (HCWM) 1200 A (HCR-U) Screw, Strap Mounting Washer Screw, Neutral Assembly Mounting	80010-598-01 80010-599-01 80010-600-01 80121-138-01 80121-119-01 80010-600-01 80121-082-01 21903-20200 23903-31601 21903-20200

Fronts, Blank Fillers, and Miscellaneous Items		
Code Letter	Description	Part Number
Not Shown	Fronts and Blank Fillers Blank Fillers 1.50-inch Height 4.50-inch Height Screw, Blank Mounting (included with blank)	HNM-1BL HNM-4BL 21427-20161
Not Shown	Blank Filler Extensions 1.50-inch Height 4.50-inch Height	HLW-1BL HLW-4BL
Not Shown	Circuit Number Tabs 1-90 Flush Lock (large sliding) Keys (2 per kit) Vault Handle Lock	80104-402-50 PK-5FL LP-9618 PK-4NVL
Not Shown	Trim Clamp Assembly Exposed Trim Clamp Monoflat® Trim Clamp	LP9501 PK2TC
Not Shown	Directory Card Clear Plastic Card Cover	80031-158-01 80031-159-01
Not Shown	Interior Leveling Nut	80104-458-01

### Solid Neutrals

Code Letter	Description	HC2SN	HC4SN	HC6SN	HC8SN
G	Lug Assemblies Large Small Screw, Lug Mounting Washer, Lug Mounting Nut, Lug Mounting Washer, Lug Mounting	(2) 40251-162-51 — 21514-00002 23427-02200 — —	80116-122-50 — 21401-28643 23701-00280 23427-02800 — —	80116-122-50 — 21401-28643 23701-02800 23427-02800 — —	25098-25110 — 21401-28643 23903-33201 23040-28000 — 23701-00280
H	Neutral Plate	80104-865-01	80104-969-01	40517-167-01	80104-970-01
J	Neutral Connector	80101-943-01	80104-943-01	80104-943-01	80104-944-01

### Solid Neutrals

Code Letter	Description	HCW4SN	HCW6SN	HCW8SN	HCW12SN
G	Lug Assemblies Large Small Screw, Lug Mounting Washer, Lug Mounting Nut, Lug Mounting Washer, Lug Mounting	80116-122-50 — 21401-28643 23701-00280 23427-02800 — —	25098-25110 80116-122-50 21401-28643 23903-33201 23040-28000 23427-02800 23701-00280	(2) 25098-25110 — 21401-28643 23903-33201 23040-28000 — 23701-00280	(2) 25098-25110 — 21401-28643 23903-33201 23040-28000 — 23701-00280
H	Neutral Plate	80104-971-01	80104-971-01	80104-054-01	40517-122-01
J	Neutral Connector	80104-943-01	80104-944-01	80104-944-01	80104-944-01

### Solid Neutrals

Code Letter	Description	HCWM12SN	HCWM12SNCT	HCR12SNCT	HCPSU8SN	HCPSU8SNCT
G	Lug Assemblies Large Small Screw, Lug Mounting Washer, Lug Mounting Nut, Lug Mounting Washer, Lug Mounting	(2) 25098-25110 — 21401-28661 23903-33201 23040-28000 23701-00280	(2) 48010-093-50 — (3) 21401-24280 23903-32402 — —	(2) 48010-093-50 — (3) 21401-24320; (3) 23903-32402 23903-32402 — —	(2) 48186-053-50 — 21401-24200 23903-32402 — —	(2) 48186-053-50 (3) 40251-136-50 (3) 21401-24200; (3) 22710-28400 23903-32402 23427-02800 — —
H	Neutral Plate	80104-273-01	80104-273-01	80121-081-01	80121-113-02	80121-113-02
J	Neutral Connector	80104-944-01	80101-944-01	80104-944-01	80104-944-01	80104-944-01
K	Lug Pad	—	80104-274-01	80104-274-01	80121-114-01	80121-114-01
L	C/T Connector Screw Washer Keys Nut	— — — —	80104-278-01 21401-28481 23701-00280 23427-02800	— — — —	— — — —	80121-115-01 22720-28481 — 23427-02800
M	Neutral C/T Mounting Screw (2) Washer Nut	— — — —	NE12CT2 80025-067-01 — —	S33925 21401-28643 23701-00280 23427-02800	— — — —	S33925 21401-28643 23903-33201 23040-28000