



*PowerPact® H- and J-Frame
Distributor Conversion and
Inventory Outline*

How You Win with PowerPact®

Delivering the most versatile and easy to apply field-installable accessories.

- Many accessories are stocked, making it easy and fast to solve special requirements
- Returns are reduced, allowing customers to make the required accessory changes on the job site
- Inventory is standardized, solving more needs, creating increased turns, faster response, and limited factory expedites
- The order process is simplified, permitting you to focus on getting the next order
- The same circuit breaker satisfies OEM, commercial and industrial markets

Catalog Number Conversion to PowerPact

- FC, KA, KH, and KC molded case circuit breakers will be replaced with H-Frame 150A and J-Frame 250A
- H-Frame provides an alternative solution to FA and FH for circuit breakers requiring field installable accessories

	Frame	Rating	Termination	Poles	Voltage	Amperage	I-Line Phase	Suffix	Codes
FA/KA	K	A		2	6	1 5 0	AB	1021	
PowerPact	H	D	A	2	6	1 5 0	1	SA	
changes	1	2	Same				3	4	

Frame and Interruption Rating (240/480/600 Vac)

Convert first two characters of catalog number ex. FCL36100 becomes HJL36100

15 to 150A H-Frame

HD 25/18/14 kA

HG 65/35/18 kA

HJ 100/65/25 kA

HL 125/100/50 kA

150 to 250A J-Frame

JD 25/18/14 kA

JG 65/35/18 kA

JJ 100/65/25 kA

JL 125/100/50 kA

15 to 100A F-Frame

FA 25/18/14 kA *

FH 65/25/18 kA *

FC 100/65/-- kA

70 to 250A K-Frame

KA 42/25/22 kA

KH 65/35/18 kA

KC 100/65/-- kA

* Do not require replacement, H-frame will be available as an upgrade

Terminations

Line Side "ON" end	Load Side "OFF" end	PowerPact	FA/KA	Example
Lug	Lugs	L	L	
Terminal Nuts	Terminal Nuts	F	F	
Lugs	Terminal Nuts	M	P with MT	KAP36250MT
Terminal Nuts	Lugs	P	P	
I-Line		A	blank	KA36250
Rear Connect Stud		S	na	
Plug-in Connection		N	na	
Drawout Cradle		D	na	

3

I-Line Phase Connection					
Phase	Poles	PowerPact	Example	FA/KA	Example
ABC	3	blank	HDA36150	blank	KA36150
CBA	3	6	HDA361506	CBA	KA36150CBA
AB	2	1	HDA261501	AB	KA26150AB
AC	2	2	HDA261502	AC	KA26150AC
BA	2	3	HDA261503	BA	KA26150BA
BC	2	4	HDA261504	BC	KA26150BD
CA	2	5	HDA261505	CA	KA26150CA
CB	2	6	HDA261506	CB	KA26150CB

Inventory Facts with PowerPact

- 55 unique circuit breakers are stocked or handled by the average distributor
- 15% of total inventory contain accessories that are factory installed
- 8% contain mixed line and load connections for bottom fed or top fed panelboards
- PowerPact delivers the flexibility to meet your unique specification with standard products. Taking care of your customer in hours or days without factory expedites.

4

Suffix Codes (most frequent suffix codes are listed)			
FA/KA	PowerPact	Devices Installed	Kit Catalog Number(s)
1021 =	SA	120Vac Shunt Trip	S29386
1037 =	SH	480Vac Shunt Trip	S29388
1039 =	SN	12Vdc Shunt Trip	S29382
1042 =	SK	24Vac Shunt Trip	S29384
1121 =	UA	120Vac Undervoltage Release	S29406
1127 =	UO	24Vdc Undervoltage Release	S29410
1202 =	AA	1A/1B Aux Switch	S29450
1212 =	AA	1A/1B Aux Switch	S29450
1352 =	AB	2A/2B Aux Switch	S29450 (2)
1366 =	AB	2A/2B Aux Switch	S29450 (2)
1380 =	AA SA	1A/1B Aux Switch + 120Vac Shunt Trip	S29450 + S29386
	AA SD	1A/1B Aux Switch + 240Vac Shunt Trip	S29450 + S29387
1386 =	AA SO	1A/1B Aux Switch + 24Vdc Shunt Trip	S29450 + S29390
1387 =	AA SA	1A/1B Aux Switch + 120Vac Shunt Trip	S29450 + S29386
	AA SD	1A/1B Aux Switch + 240Vac Shunt Trip	S29450 + S29387
1395 =	AA AB SA	1A/1B Aux Switch + Alarm Switch + 120Vac Shunt Trip	S29450 (2) + S29386
	AA AB SD	1A/1B Aux Switch + Alarm Switch + 240Vac Shunt Trip	S29450 (2) + S29387
1426 =	AB SO	2A/2B Aux Switch + 24Vdc Shunt Trip	S29450 (2) + 29390
1590 =	AA UA	1A/1B Aux Switch + 120Vac Undervoltage Release	S29450 + S29406
1616 =	AA UO	1A/1B Aux Switch + 24Vdc Undervoltage Release	S29450 + S29410
5861 =	None	Grounded B-Phase Ratings Included Into Standard Product	
6139 =	SA LC	120Vac Shunt Trip + Copper Lugs	S29386 + CU150HD or CU250JD
	SD LC	240Vac Shunt Trip + Copper Lugs	S29387 + CU150HD or CU250JD
6168 =	SO LC	24Vdc Shunt Trip + Copper Lugs	S29390 + CU150HD or CU250JD
8002 =	LC	Copper Lugs	CU150HD or CU250JD
8041 =	LC	Copper Lugs	CU150HD or CU250JD

Most Common Accessories

Stocking the following accessories can save you valuable time and money. Over 15% of circuit breaker orders require a special accessory or unique configuration. With the following kits you will be equipped to use standard product to meet your customers unique specification that same day. Many of the accessories will be stocked as standard inventory items, further reducing lead times and better serving your customers.

- S37444 H-Frame Terminal Nut Insert Kit (qty 3)
- S37445 J-Frame Terminal Nut Insert Kit (qty 3)
- S29450 1A/1B Auxiliary Switch/Alarm Contact
(same switch for all PowerPact 15A to 2500A circuit breakers!)
- S29386 120 Vac Shunt Trip
- S29382 12 Vdc Shunt Trip



**Auxiliary Switch or
Alarm Contact**



Shunt Trip



**Terminal Nuts or Lugs
Snap into place**



Schneider Electric - North American Operating Division

1415 S. Roselle Road
Palatine, IL 60067
Tel: 847-397-2600
Fax: 847-925-7500