

Fuse Kits

Standard Secondary Fuse Kits

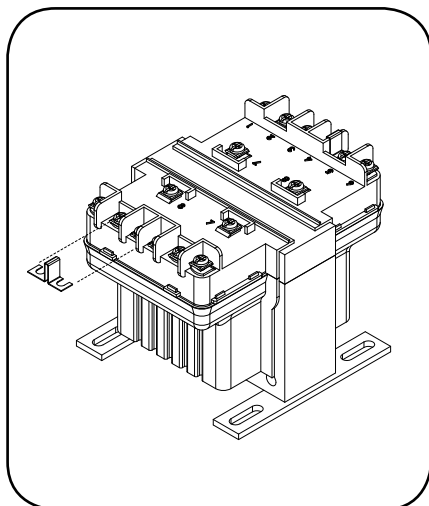
All HPS Imperator control transformers up to and including 1500 VA are supplied with standard secondary fuse kits which include: 13/32" x 1 1/2" midget/type CC fuse clips, fuse clip mounting screws, primary and secondary voltage links and the PHAK1 instruction sheet (note: secondary fuse clips and fuse clip mounting screws are not supplied on the PH750PG, PH1000PG, PH750MLI, and PH1000MLI).

Optional Primary Fuse Kits

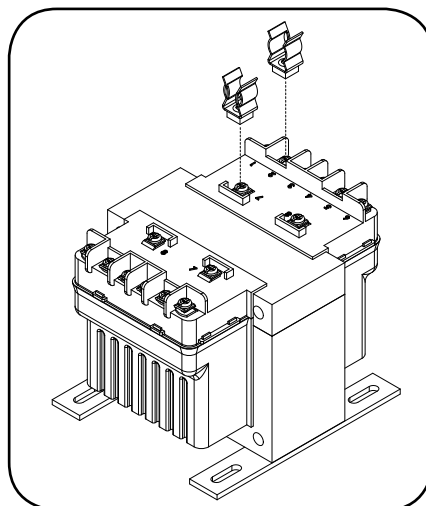
All HPS Imperator series machine tool industrial control transformers are available with the following optional primary fuse kits:

Kit Part Number	Applicable Transformer Part Number Suffix's	Applicable VA Sizes	Parts Included in Kit
PFK1	AJ, AR, MQMJ, QR, SP, PG, PP	50, 75, 100	4 fuse clips, 4 mtg. screws, PHAK1 instruction sheet
PFK2	AJ, AR, MQMJ, QR, SP, PG, PP	150, 250	4 fuse clips, 4 mtg. screws, PHAK1 instruction sheet
PFK3	AJ, AR, MQMJ, QR, SP, PG, PP	350 to 1500	4 fuse clips, 4 mtg. screws, PHAK1 instruction sheet
PFK4	MBMH, MEMX, MGJ, MLI	50	4 fuse clips, 4 mtg. screws, 1 jumper, 1 finger guard, PHAK1 instruction sheet
PFK5	MEMX, MGJ, MLI, MBMH	75	4 fuse clips, 4 mtg. screws, 1 jumper, 1 finger guard, PHAK1 instruction sheet
PFK5	MEMX, MGJ, MLI	100	4 fuse clips, 4 mtg. screws, 1 jumper, 1 finger guard, PHAK1 instruction sheet
PFK6	MBMH	100	4 fuse clips, 4 mtg. screws, 1 jumper wire, PHAK1 instruction sheet
PFK6	MBMH, MEMX, MGJ, MLI	150, 250	4 fuse clips, 4 mtg. screws, 1 jumper wire, PHAK1 instruction sheet
PFK7	MBMH, MEMX, MGJ, MLI	350 to 1500	4 fuse clips, 4 mtg. screws, 1 jumper wire, PHAK1 instruction sheet

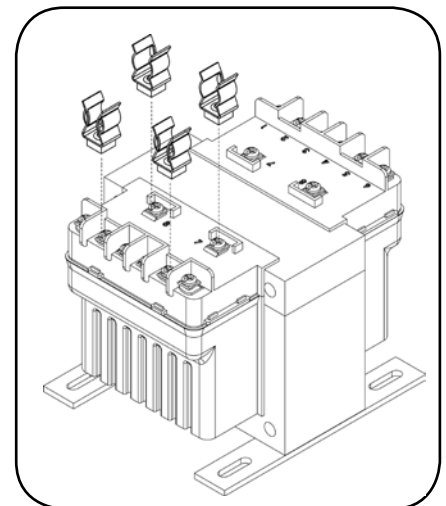
Note: Maximum allowable current rating on all primary and secondary fuse kits is 30 amps.



Sample Assembly Drawing for Voltage Link Installation
(for 150VA to 1500VA)



Sample Assembly Drawing for Secondary Fuse Clip Installation
(for 150VA to 1500VA)



Sample Assembly Drawing for Primary Fuse Clip Installation
(for 150VA to 1500VA)

Note: HPS Imperator primary and secondary fuse kits are not suitable for *branch circuit* applications!

Finger Guards

The HPS Imperator series of machine tool industrial molded control transformers are available with the following optional finger guard kits:

Optional Unfused Finger Guard Kits

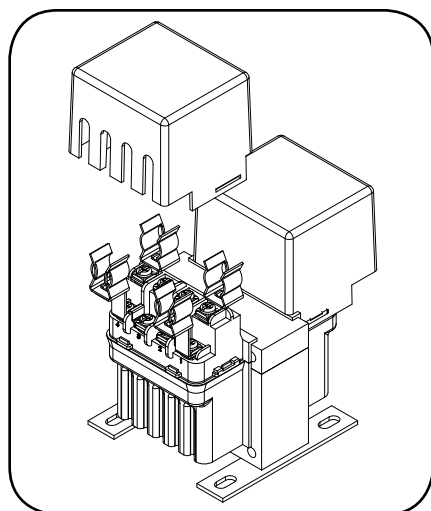
Kit Part Number	Applicable Transformer Part Number Suffix's	Applicable VA Sizes	Parts Included in Kit
FG1	AJ, AR, MQMJ, MEMX, QR, SP, PG, PP	50	1 finger guard (unfused), PHAK1 instruction sheet
FG2	MBMH, MGJ, MLI	50	1 finger guard (unfused), PHAK1 instruction sheet
FG2	All (excluding PH100MBMH) <i>refer to FG3, FG4 or FG5 below</i>	75, 100	1 finger guard (unfused), PHAK1 instruction sheet
N/A	N/A	150 to 1500 2000 to 5000	

Note: Each finger guard kit supplies either the primary or secondary side.

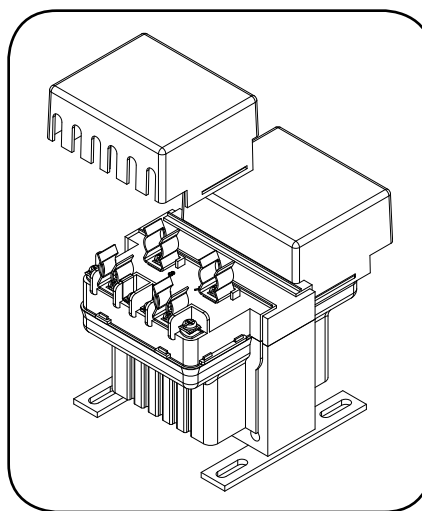
Optional Fused Finger Guard Kits

Kit Part Number	Applicable Transformer Part Number Suffix's	Applicable VA Sizes	Parts Included in Kit
FGF1	AJ, AR, MQMJ, MEMX, QR, SP, PG, PP	50	1 finger guard (fused), PHAK1 instruction sheet
FGF2	MBMH, MGJ, MLI	50	1 finger guard (fused), PHAK1 instruction sheet
FGF2	All	75	1 finger guard (fused), PHAK1 instruction sheet
FGF2	All (excluding PH100MBMH)	100	1 finger guard (fused), PHAK1 instruction sheet
FG3	MBMH	100	1 finger guard, PHAK1 instruction sheet
FG3	All	150	1 finger guard, PHAK1 instruction sheet
FG3	AJ, AR, MQMJ, MEMX, QR, SP, PG, PP	250	1 finger guard, PHAK1 instruction sheet
FG4	MBMH, MGJ, MLI	250	1 finger guard, PHAK1 instruction sheet
FG4	All	350, 500	1 finger guard, PHAK1 instruction sheet
FG4	AJ, AR, MQMJ, QR, SP, PP	750	1 finger guard, PHAK1 instruction sheet
FG5	MBMH, MEMX, MGJ, MLI, PG	750	1 finger guard, PHAK1 instruction sheet
FG5	All	1000, 1500	1 finger guard, PHAK1 instruction sheet
N/A	N/A	2000 to 5000	

Note: Each finger guard kit supplies either the primary or secondary side.



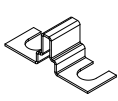
**Sample Assembly Drawing
for Finger Guard Installation
(for 50, 75 and 100VA)**



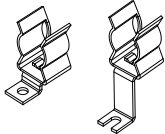
**Sample Assembly Drawing
for Finger Guard Installation
(for 150VA to 1500VA)**

Accessory Installation Guide

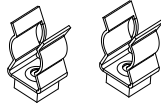
Sample Accessory Drawings



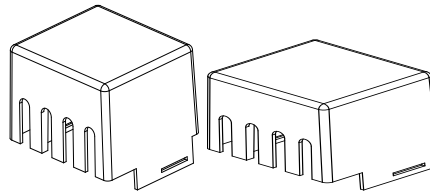
Voltage Link



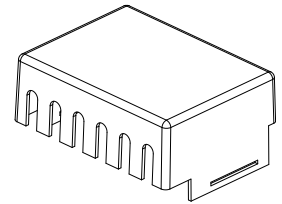
Fuse Clips
(for 50, 75 and 100VA)



Fuse Clips
(for 150VA to 1500VA)



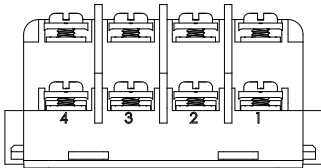
**Fused & Unfused
Finger Guard**
(for 50, 75 and 100VA)



Finger Guard
(for 150VA to 1500VA)

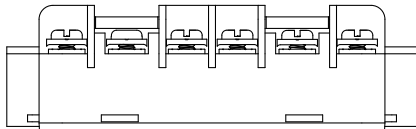
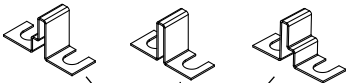
Sample Accessory Assembly Drawings

Sample Assembly Drawings for Voltage Link Installation



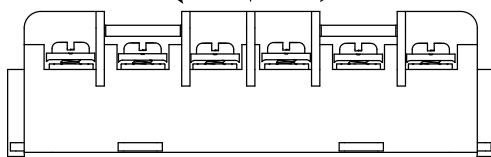
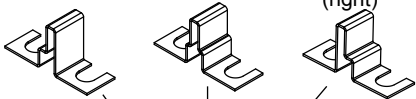
For units from 50VA to 100VA, the voltage links supplied can be installed between any two primary or secondary terminal bays. Please refer to PHWD1 or PHWD2 instruction sheet included with your transformer for connection details.

Style A (left) Style B (center) Style A (right)

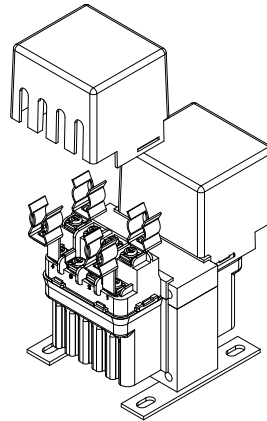


For units from 150VA to 250VA, the voltage links supplied must be installed between the primary or secondary terminal bays as indicated above. Please refer to PHWD1 or PHWD2 instruction sheet included with your transformer for connection details.

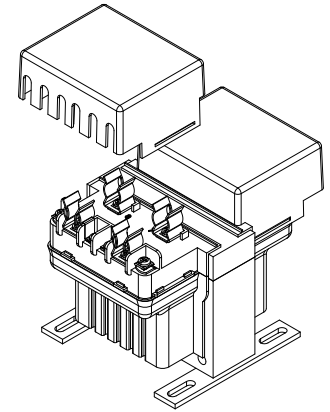
Style A (left) Style B (center) Style A (right)



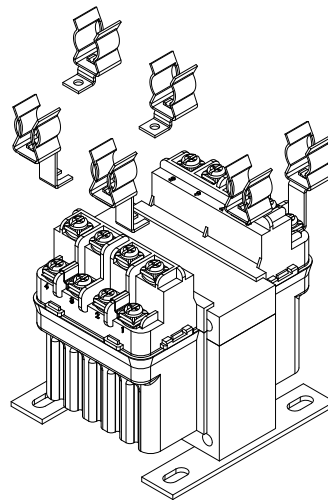
For units from 350VA to 1500VA, the voltage links supplied must be installed between the primary or secondary terminal bays as indicated above. Please refer to PHWD1 or PHWD2 instruction sheet included with your transformer for connection details.



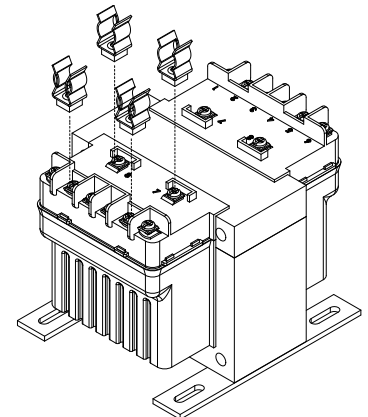
**Sample Assembly Drawing for
Finger Guard Installation**
(for 50, 75 and 100VA)



**Sample Assembly Drawing for
Finger Guard Installation**
(for 150VA to 1500VA)



**Sample Assembly Drawing for
Fuse Clip Installation**
(for 50, 75 & 100VA)



**Sample Assembly Drawing for
Primary Fuse Clip Installation**
(for 150VA to 1500VA)

Note: HPS Imperator primary and secondary fuse kits are not suitable for *branch circuit* applications!