

PLX RANGE, DIGITAL THREE PHASE 4Q FULLY REGENERATIVE CONTROLLER WITH INTEGRAL FIELD WEAKENER

PLX5



5KW 12A 4Q

Controller	PLX5
Line reactor	LR48
AC Fuse Kit	AC FUSEKIT-PL/X5
Aux Semiconductor Fuse, 3 required 10 x 38	CH01610A
Aux Fuseholder, 3 required 10 x 38	CP105004
Main Semiconductor Fuse, 3 required 10 x 38	CH01612A
Main Fuseholder, 3 required 10 x 38	CP105004
Armature fuse size 000	CH00816A
Armature fuseholder size 000	CP102054

PLX10



10KW 24A 4Q

Controller	PLX10
Line reactor	LR48
AC Fuse Kit	AC FUSEKIT-PL/X10
Aux Semiconductor Fuse, 3 required 10 x 38	CH01610A
Aux Fuseholder, 3 required 10 x 38	CP105004
Main Semiconductor Fuse, 3 required 14 x 51	CH00740A
Main Fuseholder, 3 required 14 x 51	CP102053
Armature fuse size 000	CH00832A
Armature fuseholder size 000	CP102054

PLX15



15KW 36A 4Q

Controller	PLX15
Line reactor	LR48
AC Fuse Kit	AC FUSEKIT-PL/X15
Aux Semiconductor Fuse, 3 required 10 x 38	CH01610A
Aux Fuseholder, 3 required 10 x 38	CP105004
Main Semiconductor Fuse, 3 required 14 x 51	CH00740A
Main Fuseholder, 3 required 14 x 51	CP102053
Armature fuse size 1	CH00940A
Armature fuseholder size 1	CP102906

PLX20



20KW 51A 4Q

Controller	PLX20
Line reactor	LR48
AC Fuse Kit	AC FUSEKIT-PL/X20
Aux Semiconductor Fuse, 3 required 10 x 38	CH01610A
Aux Fuseholder, 3 required 10 x 38	CP105004
Main Semiconductor Fuse, 3 required Size 000	CH00850A
Main Fuseholder, 3 required Size 000	CP102054
Armature fuse size 1	CH00963A
Armature fuseholder size 1	CP102906

PRODUCT NAME

PART

PART NO.

PLX30



30KW 72A 4Q

Controller  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse, 3 required 10 x 38  
 Aux Fuseholder, 3 required 10 x 38  
 Main Semiconductor Fuse, 3 required Size 000  
 Main Fuseholder, 3 required Size 000  
 Armature Fuse size 1  
 Armature Fuseholder size 1

PLX30  
 LR120  
 AC FUSEKIT-PL/X30  
 CH01610A  
 CP105004  
 CH00880A  
 CP102054  
 CH00980A  
 CP102906

PLX40



40KW 99A 4Q

Controller  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse, 3 required 10 x 38  
 Aux Fuseholder, 3 required 10 x 38  
 Main Semiconductor Fuse, 3 required Size 000  
 Main Fuseholder, 3 required Size 000  
 Armature Fuse size 1  
 Armature Fuseholder size 1

PLX40  
 LR120  
 AC FUSEKIT-PL/X40  
 CH01610A  
 CP105004  
 CH008100  
 CP102054  
 CH009125  
 CP102906

PLX50



50KW 123A 4Q

Controller  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse, 3 required 10 x 38  
 Aux Fuseholder, 3 required 10 x 38  
 Main Semiconductor Fuse, 3 required Size 000  
 Main Fuseholder, 3 required Size 000  
 Armature Fuse size 1  
 Armature Fuseholder size 1

PLX50  
 LR120  
 AC FUSEKIT-PL/X50  
 CH01610A  
 CP105004  
 CH008125  
 CP102054  
 CH009160  
 CP102906

PLX65



65KW 155A 4Q

Controller  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse, 3 required 10 x 38  
 Aux Fuseholder, 3 required 10 x 38  
 Main Semiconductor Fuse, 3 required Size 000  
 Main Fuseholder, 3 required Size 000  
 Armature Fuse size 1  
 Armature Fuseholder size 1

PLX65  
 LR330  
 AC FUSEKIT-PL/X65  
 CH01620A  
 CP105004  
 CH008160  
 CP102054  
 CH009200  
 CP102906

PLX85



85KW 205A 4Q

Controller  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse, 3 required 10 x 38  
 Aux Fuseholder, 3 required 10 x 38  
 Main Semiconductor Fuse, 3 required Size 1  
 Main 3 pole Fuseholder Size 1  
 Armature fuse size 1  
 Armature fuseholder size 1

PLX85  
 LR330  
 AC FUSEKIT-PL/X85  
 CH01620A  
 CP105004  
 CH009250  
 CP102055  
 CH009250  
 CP102906

PRODUCT NAME

PART

PART NO.

PLX115



115KW 270A 4Q

Controller  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse, 3 required 10 x 38  
 Aux Fuseholder, 3 required 10 x 38  
 Main Semiconductor Fuse, 3 required Size 1  
 Main 3 pole Fuseholder Size 1  
 Armature fuse size 1  
 Armature Fuseholder size 1

PLX115  
 LR330  
 AC FUSEKIT-PL/X115  
 CH01620A  
 CP105004  
 CH009250  
 CP102055  
 CH009315  
 CP102906

PLX145



145KW 330A 4Q

Controller  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse, 3 required 10 x 38  
 Aux Fuseholder, 3 required 10 x 38  
 Main Semiconductor Fuse, 3 required Size 3  
 Main 3 pole Fuseholder Size 3  
 Armature fuse size 1  
 Armature Fuseholder size 1

PLX145  
 LR330  
 AC FUSEKIT-PL/X145  
 CH01620A  
 CP105004  
 CH010550  
 CP102233  
 CH009400  
 CP102906

PLX185



185KW 430A 4Q

Controller  
 50 Amp option on field output  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse Size 14 x 51, 3 required  
 Aux Fuseholder Size 14 x 51, 3 required  
 Main Semiconductor Fuse, 3 required Size 3  
 Main 3 pole Fuseholder Size 3  
 Armature fuse size 2  
 Armature Fuseholder size 2

PLX185  
 CON299  
 LR530  
 AC FUSEKIT-PL/X185  
 CH00740A  
 CP102053  
 CH010550  
 CP102233  
 CH013500  
 CP102949

PLX225



225KW 530A 4Q

Controller  
 50 Amp option on field output  
 Line reactor  
 AC Fuse Kit  
 Aux Semiconductor Fuse Size 14 x 51, 3 required  
 Aux Fuseholder Size 14 x 51, 3 required  
 Main Semiconductor Fuse, 3 required Size 3  
 Main 3 pole Fuseholder Size 3  
 Armature Fuse size 2  
 Armature Fuseholder size 2

PLX225  
 CON299  
 LR530  
 AC FUSEKIT-PL/X225  
 CH00740A  
 CP102053  
 CH010550  
 CP102233  
 CH013550  
 CP102949

PRODUCT NAME

PART

PART NO.

PLX275



275KW 650A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 50 Amp field (extra cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller	PLX275
Line Reactor	LR650
AC Fuse Kit	AC FUSEKIT-PLX275
Main Semiconductor Fuse, 3 required Size 3	CH103301
Aux Semiconductor Fuse, 3 required (32A Field)	CH00850A
Aux Fuseholder, 3 required (32A Field)	CP102054
Armature Fuse, 2 required	CH103303

PLX315



315KW 750A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 50 Amp field (extra cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller	PLX315
Line Reactor	LR750
AC Fuse Kit	AC FUSEKIT-PLX315
Main Semiconductor Fuse, 3 required Size 3	CH103302
Aux Semiconductor Fuse, 3 required (32A Field)	CH00850A
Aux Fuseholder, 3 required (32A Field)	CP102054
Armature Fuse, 2 required	CH103304

PLX360



360KW 850A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 50 Amp field (extra cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller	PLX360
Line Reactor	LR850
AC Fuse Kit	AC FUSEKIT-PLX360
Main Semiconductor Fuse, 3 required Size 3	CH103303
Aux Semiconductor Fuse, 3 required (32A Field)	CH00850A
Aux Fuseholder, 3 required (32A Field)	CP102054
Armature Fuse, 2 required	CH103305

PLX400



400KW 950A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 50 Amp field (extra cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller	PLX400
Line Reactor	LR950
AC Fuse Kit	AC FUSEKIT-PLX400
Main Semiconductor Fuse, 3 required Size 3	CH103304
Aux Semiconductor Fuse, 3 required (32A Field)	CH00850A
Aux Fuseholder, 3 required (32A Field)	CP102054
Armature Fuse, 2 required	CH103306

PLX440



440KW 1050A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 50 Amp field (extra cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller	PLX440
Line Reactor	LR1050
AC Fuse Kit	AC FUSEKIT-PLX440
Main Semiconductor Fuse, 3 required Size 3	CH103305
Aux Semiconductor Fuse, 3 required (32A Field)	CH00850A
Aux Fuseholder, 3 required (32A Field)	CP102054
Armature Fuse, 2 required	CH103307

PLX520



520KW 1250A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller	PLX520
Line Reactor	LR1250
AC Fuse Kit	AC FUSEKIT-PLX520
Main Semiconductor Fuse, 3 required	CH103306
Aux Semiconductor Fuse, 3 required	CH008100
Aux Fuseholder, 3 required	CP102054
Armature Fuse, 2 required	CH103308

PRODUCT NAME

PART

PART NO.

PLX600



600KW 1450A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller  
 Line Reactor  
 AC Fuse Kit  
 Main Semiconductor Fuse, 3 required  
 Aux Semiconductor Fuse, 3 required  
 Aux Fuseholder, 3 required  
 Armature Fuse, 2 required

PLX600  
 LR1450  
 AC FUSEKIT-PLX600  
 CH103307  
 CH008100  
 CP102054  
 CH103309

PLX700



700KW 1650A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller  
 Line Reactor  
 AC Fuse Kit  
 Main Semiconductor Fuse, 3 required  
 Aux Semiconductor Fuse, 3 required  
 Aux Fuseholder, 3 required  
 Armature Fuse, 2 required

PLX700  
 LR1650  
 AC FUSEKIT-PLX700  
 CH103308  
 CH008100  
 CP102054  
 CH103310

PLX800



800KW 1850A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller  
 Line Reactor  
 AC Fuse Kit  
 Main Semiconductor Fuse, 3 required  
 Aux Semiconductor Fuse, 3 required  
 Aux Fuseholder, 3 required  
 Armature Fuse, 2 required

PLX800  
 LR1850  
 AC FUSEKIT-PLX800  
 CH103309  
 CH008100  
 CP102054  
 CH103467

PLX900



900KW 2050A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller  
 Line Reactor  
 AC Fuse Kit  
 Main Semiconductor Fuse, 3 required  
 Aux Semiconductor Fuse, 3 required  
 Aux Fuseholder, 3 required  
 Armature Fuse, 2 required

PLX900  
 LR2050  
 AC FUSEKIT-PLX900  
 CH103310  
 CH008100  
 CP102054  
 CH103330

PLX980



980KW 2250A 4Q

Options  
 TE - top entry (standard)  
 BE - bottom entry (no cost option)  
 MV - 600VAC (extra cost option)  
 HV - 690VAC (extra cost option)  
 Refer to supplier for information

Controller  
 Line Reactor  
 AC Fuse Kit  
 Main Semiconductor Fuse, 3 required  
 Aux Semiconductor Fuse, 3 required  
 Aux Fuseholder, 3 required  
 Armature Fuse, 2 required

PLX980  
 LR2250  
 AC FUSEKIT-PLX980  
 CH103467  
 CH008100  
 CP102054  
 CH103469

PL/PLX



OPTIONS & ACCESSORIES

Profibus card	Profibus card
Devicenet card	Devicenet card
Mounting board for fieldbus cards	LA103690
Daisy chain mtg board for Profibus/Devicenet	LA103001
Additional Drive to PC comms cable	LA102595
Drive to drive cable FCC68/FCC68	LA102596
Venting kit for PL/X 275 - 440	LA103392
Venting kit for PL/X 520 - 980	LA103402