

PRO/TRAN® 2 6-CIRCUIT SPECIFICATIONS

MODEL NUMBER	306A	306B	306C	306D	506A	506B	506C	506D	A306A	A306B	A306C	A306D	A506A	A506B	A506C	A506D
Maximum Running Watts	7500	7500	7500	7500	12500	12500	12500	12500	7500	7500	7500	7500	12500	12500	12500	12500
Max. Single-Pole Circuits	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Max. Double-Pole Circuits	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Max. Combined Load@125VAC	60A	60A	60A	60A	100A	100A	100A	100A	60A	60A	60A	60A	100A	100A	100A	100A
Max. Combined Load@250VAC	30A	30A	30A	30A	50A	50A	50A	50A	30A	30A	30A	30A	50A	50A	50A	50A
Max. Load/Circuit from Generator	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A	2/30A 4/20A
Max. Load/Circuit from Load Center	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A
Power Inlet (NEMA)	L14-30	L14-30	N/A	N/A	CS6375	CS6375	N/A	N/A	L14-30	L14-30	N/A	N/A	CS6375	CS6375	N/A	N/A
Minimum Recommended Cord Size	10 Ga.	10 Ga.	10 Ga.	10 Ga.	6 Ga.	6 Ga.	6 Ga.	6 Ga.	10 Ga.	10 Ga.	10 Ga.	10 Ga.	6 Ga.	6 Ga.	6 Ga.	6 Ga.
Conduit Length (inches)	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"
Conduit, Trade Size	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Wattmeters	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Shipping Weight, Lbs.	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Dimensions H x W x D (inches)	11.25 x 7.75 x 4.5					11.25 x 7.75 x 4.5					11.25 x 7.75 x 4.5					
Cabinet Type, NEMA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PRO/TRAN® 2 10-CIRCUIT SPECIFICATIONS

MODEL NUMBER	310A	310B	310C	310D	510A	510B	510C	510D	A310A	A310B	A310C	A310D	A510A	A510B	A510C	A510D
Maximum Running Watts	7500	7500	7500	7500	12500	12500	12500	12500	7500	7500	7500	7500	12500	12500	12500	12500
Max. Single-Pole Circuits	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Max. Double-Pole Circuits	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Max. Combined Load@125VAC	60A	60A	60A	60A	100A	100A	100A	100A	60A	60A	60A	60A	100A	100A	100A	100A
Max. Combined Load@250VAC	30A	30A	30A	30A	50A	50A	50A	50A	30A	30A	30A	30A	50A	50A	50A	50A
Max. Load/Circuit from Generator	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A	2/30A 8/20A
Max. Load/Circuit from Load Center	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A
Power Inlet (NEMA)	L14-30	L14-30	N/A	N/A	CS6375	CS6375	N/A	N/A	L14-30	L14-30	N/A	N/A	CS6375	CS6375	N/A	N/A
Minimum Recommended Cord Size	10 Ga.	10 Ga.	10 Ga.	10 Ga.	6 Ga.	6 Ga.	6 Ga.	6 Ga.	10 Ga.	10 Ga.	10 Ga.	10 Ga.	6 Ga.	6 Ga.	6 Ga.	6 Ga.
Conduit Length (inches)	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"
Conduit, Trade Size	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
Wattmeters	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Shipping Weight, Lbs.	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Dimensions H x W x D (inches)	11.25 x 11.75 x 4.5					11.25 x 11.75 x 4.5					11.25 x 11.75 x 4.5					
Cabinet Type, NEMA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



THE LEADING BRAND IN PORTABLE POWER TRANSFER EQUIPMENT



PRO/TRAN® 2

THE INDUSTRY LEADING TRANSFER SWITCH
JUST GOT BETTER!



PRO/TRAN® 2

Reliance Controls Corporation is pleased to announce our next generation of manual transfer switches. The new Pro/Tran®2 line of Loadside™ switches features all of the benefits which made the original Pro/Tran® an industry leading product for over 30 years, while incorporating a number of new features to give our customers exactly what they are looking for. The Pro/Tran® 2 utilizes conventional 1-inch interchangeable circuit

breakers. All models are UL Listed for all popular brands and types of breakers, including AFCI and GFCI. They can be easily re-configured in the field for multiple double-pole circuits if needed. All models also include a hinged non-metallic protective cover which also provides a finished appearance. Optional new color-coded watt meters are included on many models, and assist in balancing the generator load. Like all Reliance Pro/Tran® transfer switches,

the Pro/Tran® 2 is completely pre-wired for fast installation. The Pro/Tran 2 Series is UL Listed to UL Standard 1008 and is suitable for use in accordance with article 702 of the National Electrical Code ANSI/NFPA 70.



COVER INCLUDED TO PROTECT TOGGLE SWITCHES AND CIRCUIT BREAKERS.

NEW COLOR-CODED WATT METERS TO HELP BALANCE GENERATOR LOAD.

ONE-INCH CIRCUIT BREAKERS MAKE CHANGING CIRCUIT SIZES SIMPLE.

PLEASE NOTE:
A & B CIRCUITS MAX 30A, ALL ELSE MAX 20A

COMPLETELY
PRE-WIRED

TO INSTALL QUICKLY ON
THE LOAD SIDE OF YOUR
ELECTRICAL PANEL

- COMPLETELY PRE-WIRED FOR EASY INTALLATION
- ELIMINATES THE DANGER ASSOCIATED WITH BACK-FEEDING
- MEETS ALL REQUIREMENTS OF ARTICLE 702 OF THE NATIONAL ELECTRICAL CODE

MODEL NUMBER BREAKDOWN

SAMPLE MODEL NO.
- A 3 10 C DK
1 2 3 4 5 6

1

CABINET
NONE = Indoor cabinet
R = Raintight cabinet

2

BRANCH CIRCUIT AMPERAGE
NONE = 20 amp DP breaker in A and B position
A = 30 amp DP breaker in A and B position

3

CAPACITY (GENERATOR OUTPUT)
1 = 15 amps @ 125 volts
2 = 20 amps @ 125/250 volts
3 = 30 amps @ 125/250 volts
5 = 50 amps @ 125/250 volts

4

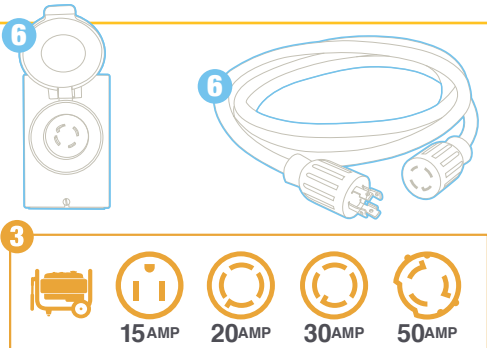
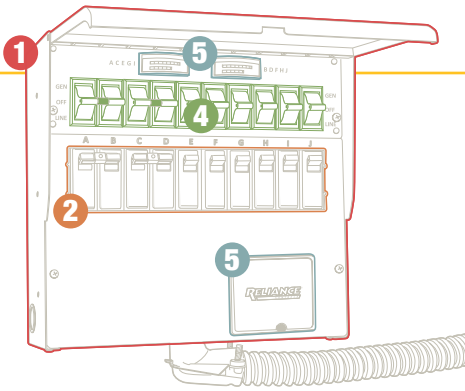
CIRCUITS
04 = 4 single pole
06 = 6 single pole or 3 double pole
08 = 8 single pole or 4 double pole
10 = 10 single pole or 5 double pole

5

CONFIGURATION
A = Watt meters and power inlet
B = Power inlet, no watt meters
C = Watt meters, no power inlet
D = No watt meters, no power inlet

6

ACCESSORIES
NONE = Transfer switch only
RK = Transfer switch + metal inlet box (PB30) + 10 ft. power cord (PC3010)
DK = Transfer switch + metal inlet box (PB30) + 20 ft. power cord (PC3020)
DKN = Transfer switch + non-metallic inlet box (PBN30) + 20 ft. power cord (PC3020)



PROTRAN TO PROTRAN 2 CROSS REFERENCE

Protran Model No.	Protran 2 Equivalent
15114A	104B
20216A	206A
30216A	306A
30310A	310A
30408B	308C
30508B	308A
31404B	304D
31406B	306D
31406C	306C
31406CRK	306CRK
31406CDK	306CDK
31406CDKN	306CDKN
31410B	310D
31410C	310C
31410CRK	310CRK
31410CDK	310CDK
31410CDKN	310CDKN
50408B	508C
51406B	506D
51406C	506C
51410B	510D
51410C	510C
R15114B	R104B
R20216B	R206A
R30216B	R306A
R30310B	R310A
R50216B	R506A
R50310B	R510A
Q306A	A306A
Q306C	A306C
Q310A	A310A
Q310C	A310C
Q506A	A506A
Q506C	A506C
Q510A	A510A
Q510C	A510C