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LOAD CENTERS, METER COMBOS, AND RESIDENTIAL CIRCUIT BREAKERS

Section 1

Load centers, meter combos, and residential circuit breakers

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ReliaHome load centers

Standard P-Series and Premium P-Series+ product overview



Ordering code construction

	PA	M	08	20	R	FL	
ABB identification	PA = ReliaHome P-Series						
	PC = ReliaHome P-Series+						
	PFA = ReliaHome P-Series replacement front						
	PFC = ReliaHome P-Series+ replacement front						
Type of main		M = Main circuit breaker					
		L = Main lug					
		C = Main lug convertible					
Maximum spaces/circuits			08 = 8-1" spaces, 16 circuits				
			12 = 12-1" spaces, 24 circuits				
			16 = 16-1" spaces, 32 circuits				
			20 = 20-1" spaces, 40 circuits				
			24 = 24-1" spaces, 48 circuits				
			30 = 30-1" spaces, 60 circuits				
			40 = 40-1" spaces, 80 circuits				
			60 = 60-1" spaces, 120 circuits				
							Specials
							Blank = No special suffix
							FL = Feed-through lugs
							M = Riser panel
							Trim type/color, enclosure type
							Blank = Combination surface/flush trim, gray, NEMA 1
							W = Combination surface/flush trim, white, NEMA 1
							R = Surface trim, gray, NEMA 3R
							Main ampere rating
							10 = 100 amperes
							12 = 125 amperes
							15 = 150 amperes
							20 = 200 amperes
							22 = 225 amperes

ReliaHome P-Series load centers

P-Series main circuit breaker, NEMA 1 indoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
100	16	32	#4 - 1/0	TGK12/TGK24 (order separately)	PAM1610
	20	40	#4 - 1/0	TGK12/TGK24 (order separately)	PAM2010
	30	60	#4 - 1/0	TGK12/TGK24 (order separately)	PAM3010
125	24	48	#2 - 2/0	TGK12/TGK24 (order separately)	PAM2412
	30	60	#2 - 2/0	TGK12/TGK24 (order separately)	PAM3012
150	20	40	#1 - 3/0 Cu; 2/0 - 3/0 Al	TGK12/TGK24 (order separately)	PAM2015
	30	60	#1 - 3/0 Cu; 2/0 - 3/0 Al	TGK12/TGK24 (order separately)	PAM3015
200	20	40	#1 - 250 Cu; 2/0 - 250 Al	TGK12/TGK24 (order separately)	PAM2020
	30	60	#1 - 250 Cu; 2/0 - 250 Al	TGK12/TGK24 (order separately)	PAM3020
	40	80	#1 - 250 Cu; 2/0 - 250 Al	TGK12/TGK42 (order separately)	PAM4020
	60	120	#1 - 250 Cu; 2/0 - 250 Al	TGK12/TGK32 (order separately)	PAM6020
225	40	80	#1 - 300 Cu; 2/0 - 300 Al	TGK12/TGK42 (order separately)	PAM4022

P-Series main circuit breaker, NEMA 1 indoor white

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	30	60	#2 - 2/0	TGK12/TGK24 (order separately)	PAM3012W
200	30	60	#1-250 Cu; 2/0 - 250 Al	TGK12/TGK24 (order separately)	PAM3020W
	40	80	#1-250 Cu; 2/0 - 250 Al	TGK12/TGK42 (order separately)	PAM4020W

P-Series main circuit breaker, NEMA 3R outdoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
100	16	32	#4 - 1/0	TGK12 (order separately)	PAM1610R
	20	40	#4 - 1/0	TGK12/TGK24 (order separately)	PAM2010R
125	20	40	#2 - 2/0 Cu-Al	TGK12/TGK24 (order separately)	PAM2012R
	24	48	#2 - 2/0 Cu-Al	TGK12/TGK24 (order separately)	PAM2412R
	30	60	#2 - 2/0 Cu-Al	TGK12/TGK24 (order separately)	PAM3012R
150	08	16	#1 - 3/0 Cu; 2/0 - 3/0 Al	TGK12 (order separately)	PAM0815RFL
200	08	16	#1 - 250 Cu; 2/0 - 250 Al	TGK12 (order separately)	PAM0820RFL
	20	40	#1 - 250 Cu; 2/0 - 250 Al	TGK12/TGK24 (order separately)	PAM2020R
	30	60	#1 - 250 Cu; 2/0 - 250 Al	TGK12/TGK24 (order separately)	PAM3020R
	40	80	#1 - 250 Cu; 2/0 - 250 Al	TGK12/TGK42 (order separately)	PAM4020R

ReliaHome P-Series load centers

P-Series main lug, NEMA 1 indoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	16	32	#6 – 2/0	Factory installed TGK12 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL1612
	20	40	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL2012
	24	48	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL2412
	30	60	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL3012
200	20	40	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL2020
	30	60	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL3020
	40	80	#6 – 250	Factory installed TGK42 & TNLK20. Order additional TGK12 or TGK42 separately if needed.	PAL4020
225	40	80	#1 – 300	Factory installed TGK42 & TNLK20. Order additional TGK12 or TGK42 separately if needed.	PAL4022

P-Series main lug, NEMA 1 indoor white

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	24	48	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL2412W
	30	60	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL3012W
200	30	60	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAL3020W
	40	80	#6 – 250	Factory installed TGK42 & TNLK20. Order additional TGK12 or TGK42 separately if needed.	PAL4020W

P-Series main lug / main lug convertible to main circuit breaker, Outdoor NEMA 3R main lug convertible

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	16	32	#6 – 2/0	Factory installed TGK12 & TNLK20. Order additional TGK12 separately if needed.	PAC1612R
	20	40	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAC2012R
	24	48	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAC2412R
200	20	40	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAC2020R
	30	60	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PAC3020R
	40	80	#6 – 250	Factory installed TGK42 & TNLK20. Order additional TGK12 or TGK42 separately if needed.	PAC4020R

ReliaHome P-Series+ load centers

P-Series+ main circuit breaker, NEMA 1 indoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
100	20	40	#4 – 1/0	TGK12/TGK24 (order separately)	PCM2010
	30	60	#4 – 1/0	TGK12/TGK24 (order separately)	PCM3010
125	24	48	#2 – 2/0	TGK12/TGK24 (order separately)	PCM2412
	30	60	#2 – 2/0	TGK12/TGK24 (order separately)	PCM3012
150	30	60	#1 – 3/0 Cu; 2/0 - 3/0 Al	TGK12/TGK24 (order separately)	PCM3015
	40	80	#1 – 3/0 Cu; 2/0 - 3/0 Al	TGK12/TGK42 (order separately)	PCM4015
200	20	40	#1 – 250 Cu; 2/0 - 250 Al	TGK12/TGK24 (order separately)	PCM2020
	30	60	#1 – 250 Cu; 2/0 - 250 Al	TGK12/TGK24 (order separately)	PCM3020
	40	80	#1 – 250 Cu; 2/0 - 250 Al	TGK12/TGK42 (order separately)	PCM4020
225	60	120	#1 – 300 Cu; 2/0 - 300 Al	TGK12/TGK32 (order separately)	PCM6022

P-Series+ main circuit breaker, NEMA 3R outdoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
100	20	40	#4 – 1/0	TGK12/TGK24 (order separately)	PCM2010R
200	40	80	#1 – 250 Cu; 2/0 - 250 Al	TGK12/TGK24 (order separately)	PCM4020R

ReliaHome P-Series+ load centers

P-Series+ main lug convertible to main circuit breaker, NEMA 1 indoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	16	32	#6 – 2/0	Factory installed TGK12 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC1612
	20	40	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC2012
	24	48	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC2412
	30	60	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC3012
200	20	40	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC2020
	30	60	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC3020
	40	80	#6 – 250	Factory installed TGK42 & TNLK20. Order additional TGK12 or TGK42 separately if needed.	PCC4020
225	40	80	#1 – 300	Factory installed TGK42 & TNLK20. Order additional TGK12 or TGK42 separately if needed.	PCC4022

P-Series+ main lug convertible to main circuit breaker, NEMA 1 indoor white

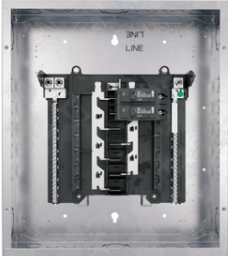
Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	24	48	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC2412W

P-Series+ main lug convertible to main circuit breaker, NEMA 3R outdoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	16	32	#6 – 2/0	Factory installed TGK12 & TNLK20. Order additional TGK12 separately if needed.	PCC1612R
	24	48	#6 – 2/0	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC2412R
200	20	40	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC2020R
	30	60	#6 – 250	Factory installed TGK24 & TNLK20. Order additional TGK12 or TGK24 separately if needed.	PCC3020R
	40	80	#6 – 250	Factory installed TGK42 & TNLK20. Order additional TGK12 or TGK42 separately if needed.	PCC4020R

ReliaHome load centers

T-Series product overview



Ordering code construction

T	LM	Q	8	12	S	CU	D
ABB identification T = ReliaHome T-Series							
Type of main M = Main circuit breaker L = Main lug LM = Convertible PL = Main lug (Thermoplastic)							Specials G = Factory installed ground bar D = Optional door for 6-8 space panel W = White trim
For use with THQL/THHQL circuit breakers only							Bus bar material CU = Copper bus
Maximum spaces/circuits 2 = 2-1" spaces, 4 circuits 4 = 4-1" spaces, 8 circuits 5 = 5-1" spaces, 10 circuits 6 = 6-1" spaces, 12 circuits 8 = 8-1" spaces, 16 circuits 12 = 12-1" spaces, 24 circuits 14 = 14-1" spaces, 28 circuits						Trim type/color, enclosure type C = Combination surface/flush F = Flush S = Surface R = NEMA 3R	
							Main ampere rating 40 = 40 amperes 70 = 70 amperes 10 = 100 amperes 12 = 125 amperes

ReliaHome T-Series load centers

T-Series main circuit breaker, NEMA 1 indoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
100	12	24	Combination	4-1/0	TGL2 & TGL20 installed	TMQ1210CCU
125	12	24	Combination	1-2/0	TGL2 & TGL20 installed	TMQ1212CCU

T-Series main circuit breaker, NEMA 3R outdoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
100	12	24	-	4-1/0	TGK12/TGK24 (order separately)	TMQ1210RCU
125	12	24	-	1-2/0	TGK12/TGK24 (order separately)	TMQ1212RCU

T-Series main lug, NEMA 1 indoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
40	2	4	Surface	14-4	TGK4 (order separately)	TL240SCU
70	2	4	Surface	6-3	TGK4 (order separately)	TL270SCU
125	4	8	Combination	1-2/0	TGL1 (order separately)	TLQ412C
			Combination	1-2/0	TGL1 installed	TLQ412CT
			Thermoplastic	1-2/0	TGL1 (order separately)	TPLQ412C
			Thermoplastic	1-2/0	TGL1 installed	TPLQ412CT

T-Series main lug, NEMA 3R outdoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
40	2	4	-	14-4	TGK4 (order separately)	TL240RCU
70	2	4	-	6-3	TGK4 (order separately)	TL270RCU
125	4	8	-	1-2/0	TGL1 (order separately)	TLQ412R1
			-	1-2/0	TGL1 installed	TLQ412RT1
			-	1-2/0	TGL1 (order separately)	TLQ412R2
			Thermoplastic	1-2/0	TGL1 (order separately)	TPLQ412R
			Thermoplastic	1-2/0	TGL1 installed	TPLQ412RT

ReliaHome T-Series load centers

T-Series main lug convertible to main circuit breaker, NEMA 1 indoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	6	12	Flush	6-2/0	TGL2 (order separately)	TLMQ612FCU
			Flush	6-2/0	TGL2 (order separately)	TLMQ612FCUD
			Surface	6-2/0	TGL2 (order separately)	TLMQ612SCU
			Surface	6-2/0	TGL2 (order separately)	TLMQ612SCUD
	8	16	Flush	6-2/0	TGL2 (order separately)	TLMQ812FCU
			Flush	6-2/0	TGL2 (order separately)	TLMQ812FCUD
			Flush	6-2/0	TGL2 factory installed	TLMQ812FCUDG
			Surface	6-2/0	TGL2 (order separately)	TLMQ812SCU
			Surface	6-2/0	TGL2 (order separately)	TLMQ812SCUD
	14	28	Surface	6-2/0	TGL2 factory installed	TLMQ812SCUDG
			Combination	6-2/0	TGL2 factory installed	TLMQ1412CCU

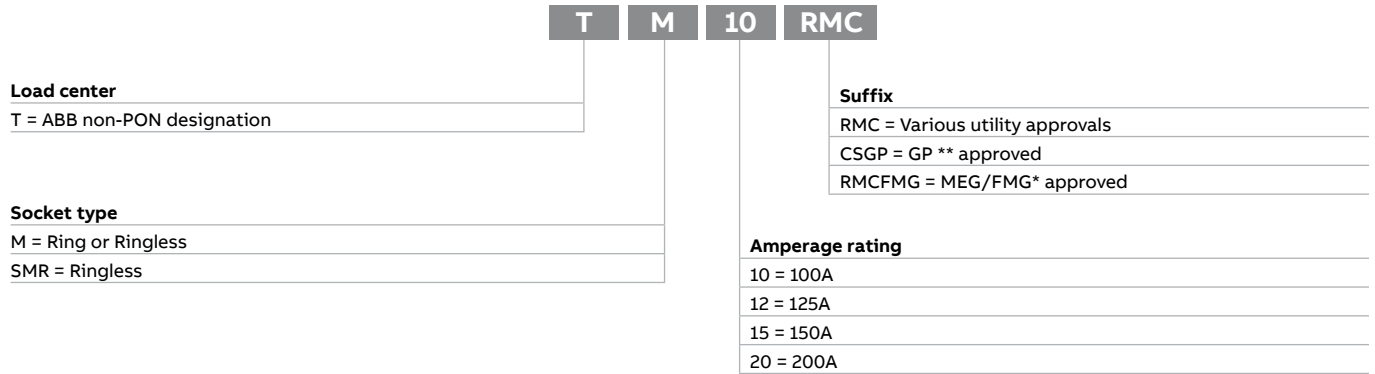
T-Series main lug convertible to main circuit breaker, NEMA 3R outdoor

Main ampere rating	1 pole, 1" spaces	Max single pole circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	6	12	-	6-2/0	TGL2 (order separately)	TLMQ612RCU
	8	16	-	6-2/0	TGL2 (order separately)	TLMQ812RCU
	8	16	-	6-2/0	TGK12/TGK24 (order separately)	TLMQ812RCU2
	14	28	-	6-2/0	TGL2 factory installed	TLMQ1412RCU

ReliaHome meter combos

Product overview

Ordering code construction - Meter main



*FMG = Florida Meeting Group now part of Meter Equipment Group (MEG) utility
 ** GP = Gorgia Power utility

Meter main

Main ampere rating	Ring / Ringless	Bypass type	UL incoming	Ordering code
200	Ringless	None	OH/UG	TM20RMCFMG
	40	None	OH/UG	TSMR020CSGP

ReliaHome meter combos

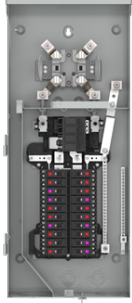
Ordering code construction - PON single main

	PA	MS	20	20	T	RL	N	O	S	S	R
Load center											
PA = ReliaHome Aluminum (PON) main bus											
PC = ReliaHome Copper (PON) main bus											
Main type											
MS = Main breaker, meter combo loadcenter											
Maximum 1" spaces/circuits											
8 = 8/16											
12 = 12/24											
20 = 20/40											
30 = 30/60											
40 = 40/80											
Main amperage rating											
15 = 150A											
20 = 200A											
22 = 225A											
Configuration											
S = Side by side											
T = Top/bottom											
	R = Solar and battery ready										
	S = Factory packaged surge protection										
	Front type										
	S = Surface convertible										
	F = Semi-flush										
	Feed type										
	C = Combination overhead/underground										
	U = Underground										
	Bypass type (meter)										
	H = Horn										
	L = Lever										
	M = Manual										
	N = None										
	Meter socket cover type										
	R = Ring										
	RL = Ringless										

Ordering code construction - Single main

	T	SM	RQ	20	20	C	S	CU
Load center								
T = ABB non-PON designation								
Main type								
SM = Meter socket - main breaker (with circuits)								
Socket type								
Q = Ring								
RQ = Ringless								
BQ = Ringless lever bypass								
Max number of 1" spaces								
"2 - 40" = Maximum # of 1" spaces for breakers								
Amperage rating								
10 = 100A								
12 = 125A								
15 = 150A								
20 = 200A								
22 = 225A								
	Bussing type, feed-thru type							
	AL = Aluminum non-feed thru							
	CU = Copper non-feed thru							
	FL = Copper feed-thru							
	Front type							
	F = Semi-Flush							
	S = Surface							
	W = Surface - EUSERC wide body							
	Feed type							
	U = Underground							
	C = Overhead/underground							

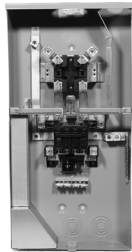
ReliaHome meter combos



PAMS2020TRLNCS

Single main, ringless

Main ampere rating	Max branch breaker spaces	Max branch breaker circuits	Interrupting rating	Front type	Bypass type	UL incoming	Ordering code
150	4	8	22	Surface	None	OH/UG	TSMRQ415CSCUGP
	4	8	22	Surface	None	OH/UG	TSMRQ415CSFLFMG
	8	16	22	Surface	None	OH/UG	PAMS815TRLNCS
200	4	8	22	Surface	None	OH/UG	TSMRQ420CSFLFMG
	4	8	22	Surface	None	OH/UG	TSMRQ420CSCUGP
	4	8	22	Surface	Horn Bypass	OH/UG	TSMRQ420CSCU
	8	16	22	Surface	None	OH/UG	PAMS820TRLNCS
	20	40	22	Surface	None	OH/UG	PAMS2020TRLNCS



TSMQ420CSCU

Single main, ring type, top/bottom, main breaker

Main ampere rating	Max branch breaker spaces	Max branch breaker circuits	Interrupting rating	Front type	Bypass type	UL incoming	Ordering code
200	4	8	22	Surface	None	OH/UG	TSMQ420CSCU

Single main, ring type, side-by-side, main breaker

Main ampere rating	Max branch breaker spaces	Max branch breaker circuits	Interrupting rating	Front type	Bypass type	UL incoming	Ordering code
200	8	16	22	Surface	None	OH/UG	TSMQ820CSCU

ReliaHome meter combos

Ordering code construction - Dual main type (TSD)

T **SD** **R** **8** **40** **U** **F** **CU**

Load center

T = ABB non-PON designation

Main type

SD = Meter Socket Dual Main

Socket type

A = Ring - Link Bypass (TSD style)

R = Ringless Bypass or No Bypass (TSD style)

Max number of 1" spaces

"0 - 24" = Maximum # of 1" spaces/ckts for breakers

Amperage rating

30 = 300A

32 = 320A

40 = 400A

Bussing type, feed-thru type

42 = Copper 42ckt 1/2" spaces

CU = Copper Non-Feed Thru

FL = Copper Feed-Thru

Front type

C = Surface (for TSDA type only)

F = Semi-Flush

S = Surface

Feed type

U = Underground

C = Overhead/underground

Dual Main Breaker, ringless, Class 320

Main ampere rating	Max branch breaker spaces	Max branch breaker circuits	Interrupting rating	Front type	Bypass type	UL incoming	Socket layout type	Ordering code
300	8	16	22	Semiflush	Lever	OH/UG	Side by Side	TSDR830CFCUGP
400	8	16	22	Semiflush	Lever	OH/UG	Side by Side	TSDR840CFCUGP

ReliaHome three phase load centers

Main lug, factory installed, indoor (NEMA 1) enclosure, top/bottom feed

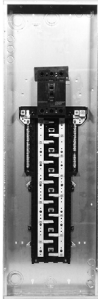
Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	3 pole, 1" spaces	Total 1-pole spaces	Front type	Box number	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	12	6	4	12	Combination	4	6-2/0	TGK12 (order separately) TGK24 (order separately)	TL12412C
150	18	8	6	18	Combination	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL18415C
	24	12	8	24	Combination	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL24415C



TL12412R

Main lug, factory installed, outdoor (NEMA 3R) enclosure, top feed

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	3 pole, 1" spaces	Total 1-pole spaces	Box number	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	12	6	4	12	R3	6-2/0	TGK12 or TGK24 (order separately)	TL12412R
150	18	8	6	18	R4	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TL18415R
	24	12	8	24	R4	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TL24415R



TM42420C

Main circuit breaker, factory installed, indoor (NEMA 1) enclosure

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	3 pole, 1" spaces	Total 1-pole spaces	Front type	Box number	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
100	12	6	4	12	Combination	6	6-1/0 (Cu), 4-1/0 (Al)	TGK12 or TGK24 (order separately)	TM12410C
	18	8	6	18	Combination	6	6-1/0 (Cu), 4-1/0 (Al)	TGK24 or TGK32 (order separately)	TM18410C
125	30	14	10	30	Combination	12	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30412C
150	24	12	8	24	Combination	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM24415C
	30	14	10	30	Combination	12	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30415C
	42	20	14	42	Combination	15	1-3/0 (Cu), 2/0-3/0 (Al)	TGK42 (order separately)	TM42415C
200	24	12	8	24	Combination	12	1-300 (Cu), 2/0-300 (Al)	TGK32 (order separately)	TM24420C
	30	14	10	30	Combination	13	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TM30420C
	42	20	14	42	Combination	14	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM42420C
225	42	20	14	42	Combination	15A	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TM42422C



TM30420R

Main circuit breaker, factory installed, outdoor (NEMA 3R) enclosure, top feed

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	3 pole, 1" spaces	Total 1-pole spaces	Box number	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
100	18	8	6	18	R4	6-1/0 (Cu), 4-1/0 (Al)	TGK24 or TGK32 (order separately)	TM18410R

ReliaHome pool and spa panels



Outdoor (NEMA 3R) enclosure, top/bottom feed

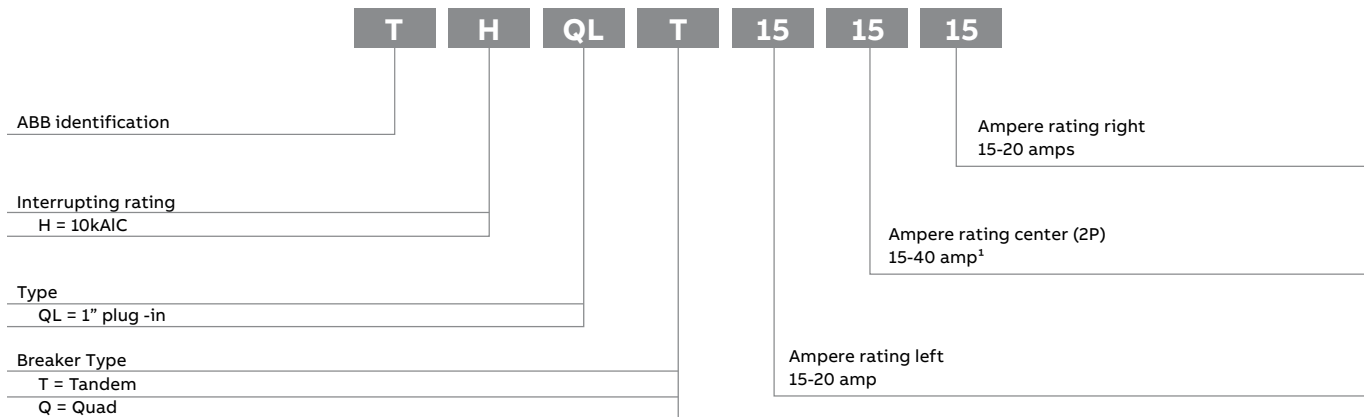
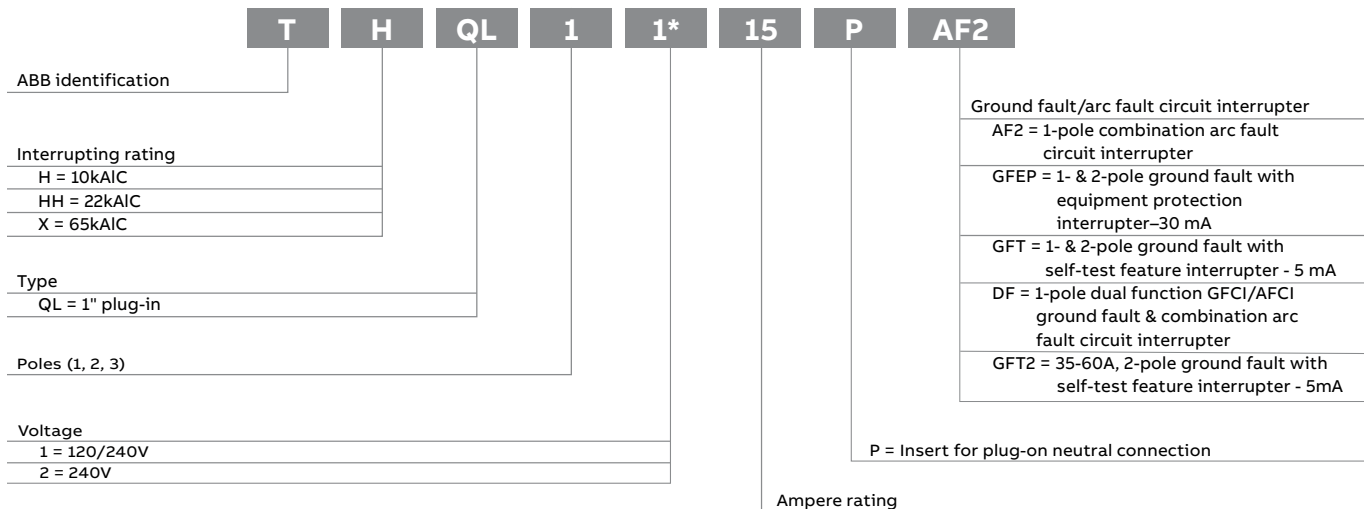
Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	1 pole, 1/2" spaces	2 pole, 1/2" spaces	Total 1-pole spaces	Max single pole circuits	Load center type	Box number	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
125	4	2	8	4	8	8	Factory Included 50A GFCI	-	1-2/0	TGL1 installed	TL412R250GF
	4	2	8	4	8	8	Factory Included 60A GFCI	-	1-2/0	TGL1 installed	TL412R260GF

ReliaHome circuit breakers

Product overview



Ordering code construction



¹Does not apply for Tandem breakers.

ReliaHome circuit breakers

Q-Line plug-in residential circuit breakers



THQL1120



THQL2140



THQL32015

Q-line plug-in circuit breakers

Voltage Ampere rating	10,000 AIC		22,000 AIC			65,000 AIC	
	Type THQL 1-inch module		Type THHQL 1-inch module			Type TXQL 1-inch module	
	120/240 Vac	240 Vac	120/240 Vac	120/240 Vac	240 Vac	120/240 Vac	240 Vac
	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code
Single pole							
15	THQL1115	-	THHQL1115	-	-	-	-
20	THQL1120	-	THHQL1120	-	-	-	-
25	THQL1125	-	-	-	-	-	-
30	THQL1130	-	THHQL1130	-	-	-	-
Two-pole: incorporated internal common trip bar							
15	THQL2115	THQL22015	THHQL2115	-	-	-	-
20	THQL2120	THQL22020	THHQL2120	-	-	-	-
25	THQL2125	THQL22025	THHQL2125	-	-	-	-
30	THQL2130	THQL22030	THHQL2130	-	-	-	-
35	THQL2135	-	THHQL2135	-	-	-	-
40	THQL2140	THQL22040	THHQL2140	THHQL2140RM ¹	-	-	-
45	THQL2145	-	THHQL2145	-	-	-	-
50	THQL2150	THQL22050	THHQL2150	THHQL2150RM ¹	-	-	-
60	THQL2160	THQL22060	THHQL2160	THHQL2160RM ¹	-	-	-
70	THQL2170	-	THHQL2170	THHQL2170RM ¹	-	-	-
80	THQL2180	-	THHQL2180	THHQL2180RM ¹	-	-	-
90	THQL2190	-	-	-	-	-	-
100	THQL21100	THQL22100	THHQL21100	THHQL21100RM ¹	-	-	-
110	THQL21110	-	-	-	-	-	-
125	THQL21125	-	THHQL21125	THHQL21125RM ¹	-	-	-
Three-pole: incorporated internal common trip bar							
15	-	THQL32015	-	-	-	-	-
20	-	THQL32020	-	-	THHQL32020	-	-
25	-	THQL32025	-	-	-	-	-
30	-	THQL32030	-	-	THHQL32030	-	-
35	-	THQL32035	-	-	-	-	-
40	-	THQL32040	-	-	THHQL32040	-	-
45	-	THQL32045	-	-	-	-	-
50	-	THQL32050	-	-	THHQL32050	-	-
60	-	THQL32060	-	-	THHQL32060	-	-
70	-	THQL32070	-	-	-	-	-
80	-	THQL32080	-	-	-	-	-
90	-	THQL32090	-	-	THHQL32090	-	-
100	-	THQL32100	-	-	THHQL32100	-	-

ReliaHome circuit breakers

Q-line plug-in residential circuit breakers



THQLT1515



THQLQ154015

Tandem and Quad circuit breaker, UL489

Ampere rating			1" space used		2" space used	
			(2) 1 poles, 120/240 Vac		(2) 1 poles and (1) 2 pole, 120/240 Vac	
Right	Center	Left	Ordering code		Ordering code	
10,000 AIC						
15	-	15	THQLT1515	-		
20	-	20	THQLT2020	-		
15	-	20	THQLT1520	-		
15	15	15	-	THQLQ151515		
15	20	15	-	THQLQ152015		
15	30	15	-	THQLQ153015		
15	40	15	-	THQLQ154015		
20	15	20	-	THQLQ201520		
20	20	20	-	THQLQ202020		
20	30	20	-	THQLQ203020		
20	40	20	-	THQLQ204020		
20	30	15	-	THQLQ203015		

ReliaHome circuit breakers

Arc fault and dual function



THQL1115DF

Arc fault circuit interrupter (AFCI)

	Ampere rating	1-pole 120/240 Vac	
		Ordering code	Ordering code
		Long pigtail	Plug-on neutral
10,000 AIC			
	15	THQL1115AF2	THQL1115PAF2
	20	THQL1120AF2	THQL1120PAF2
22,000 AIC			
	15	THHQL1115AF2	-
	20	THHQL1120AF2	-



THQL1115PDF

Dual function circuit interrupter (DFCI) ground fault & combination arc fault circuit breaker

	Ampere rating	1-pole, 120 Vac	
		Ordering code	Ordering code
		Long pigtail	Plug-on neutral
10,000 AIC			
	15	THQL1115DF	THQL1115PDF
	20	THQL1120DF	THQL1120PDF
22,000 AIC			
	20	THHQL1120DF	THHQL1120PDF

ReliaHome circuit breakers

Ground fault



THQL1115GFT



THQL1115GFTS



THQL2115GFEP

Ground fault circuit interrupter (GFCI) with self-test feature (6mA)

	Ampere rating	1-pole, 120 Vac	1-pole, 120 Vac	2-pole, 120/240 Vac	2-pole, 120/240 Vac
		Ordering code	Ordering code	Ordering code	Ordering code
		Long pigtail	Plug-on neutral	Long pigtail	Plug-on neutral
10,000 AIC					
	15	THQL1115GFT	THQL1115PGFT	THQL2115GFT	THQL2115PGFT
	20	THQL1120GFT	THQL1120PGFT	THQL2120GFT	THQL2120PGFT
	25	THQL1125GFT	-	THQL2125GFT	THQL2125PGFT
	30	THQL1130GFT	THQL1130PGFT	THQL2130GFT	THQL2130PGFT
22,000 AIC					
	20	THHQL1120GFT	-	-	-

Ground fault circuit interrupter (GFCI) with equipment protection (30mA)

	Ampere rating	1-pole, 120 Vac	2-pole, 120/240 Vac
		Ordering code	Ordering code
		Long pigtail	Long pigtail
10,000 AIC			
	15	THQL1115GFEP	THQL2115GFEP
	20	THQL1120GFEP	THQL2120GFEP
	30	THQL1130GFEP	THQL2130GFEP

ReliaHome circuit breakers

Special purpose circuit breakers



THQL21WY30

Q-Line switching neutral circuit breakers

		Thermal magnetic pole plus nonautomatic pole for switching neutral	
		2 pole spaces required (1P+1N), 120 Vac	3 pole spaces required (2P+1N), 120/240 Vac
	Ampere rating	Ordering code	Ordering code
10,000 AIC			
	20	THQL21WY20	THQL31WY20



THQL2120HID

Q-line high intensity discharge circuit breakers

		1-pole, 120/240 Vac	2-pole, 120/240 Vac
		Ordering code	Ordering code
	Ampere rating		
10,000 AIC			
	15	-	THQL2115HID
	20	-	THQL2120HID
	30	-	THQL2130HID
22,000 AIC			
	20	THHQL1120HID	-
	25	THHQL1125HID	-
	30	THHQL1130HID	-



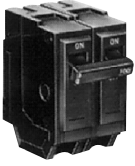
THQL1140HM

Q-line high magnetic circuit breakers

		1-pole, 120 Vac
		Ordering code
	Ampere rating	
10,000 AIC		
	15	THQL1115HM
	20	THQL1120HM

ReliaHome circuit breakers

Special purpose circuit breakers



TQL21Y100

Q-line molded case switches



THQL1130ST1

Wire Specifications

Breaker type	Ampere rating	Wire size AWG/kcmil
TQL	60	8-3 Cu/8-3 Al
	100	6-1/0 Cu/4-1/0 Al



THQL2120ST1

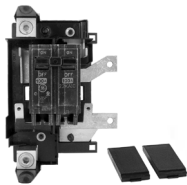
Q-line shunt trip circuit breakers with factory installed 120 Vac shunt trip

Ampere rating	2 pole spaces required (1P+1ST), 120/240 Vac	3 pole spaces required (2P+1ST), 120/240 Vac
	Ordering code	Ordering code
10,000 AIC		
20	THQL1120ST1	THQL2120ST1
40	-	THQL2140ST1
50	-	THQL2150ST1
60	-	THQL2160ST1
100	-	THQL21100ST1



THQL32020ST1

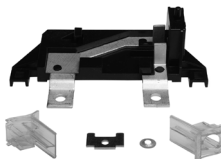
ReliaHome circuit breaker accessories



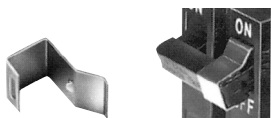
THQMV100F with filler plates



THQMV200E



TQMh000



THL103



TQHT1



THT104



TQ1120



TQ2120

ReliaHome P-Series/P-Series+ main breaker kit for use in 150A, 200A, & 225A convertible load centers

Description	Ampere rating	Ordering code	Lug size
Main circuit breaker kits 22,000 AIC	100	THQMV100F	1-300 (cu), 2/0-300
	125	THQMV125F	
	150	THQMV150F	
	175	THQMV175F	
	200	THQMV200F	
	225	THQMV225F	

ReliaHome P-Series/P-Series+ main breaker kit

Description	Ordering code
Main Circuit Breaker Kit - Order appropriate THQL 10kAIC or THHQL 22kAIC breakers separately. Includes service barriers for use with THQL or THHQL main.	TQMh000F

ReliaHome main circuit breaker kit

Description	Ordering code
Main Circuit Breaker Kit - Order appropriate THQL 10kAIC or THHQL 22kAIC breakers separately. Includes service barriers for use with THQL or THHQL main.	TQMh000

ReliaHome T-Series and legacy PowerMark Gold and PRO main circuit breaker kit for use in 150A, 200A, & 225A convertible load centers

Description	Ampere rating	Ordering code	Lug size
Main circuit breaker kits 22,000 AIC	100	THQMV100E	1-300 (cu), 2/0-300
	125	THQMV125E	
	150	THQMV150E	
	175	THQMV175E	
	200	THQMV200E	
	225	THQMV225E	

Handle locks - Non padlocking

Description	Breaker type	Ordering code
THQL non padlocking handle lock	THQL	THL103

Handle ties

Description	Breaker type	Ordering code
Snap-on handle tie - trip indicating	TQB	TQHT1
	TQC	
	TQL	
Snap-on handle tie - solid	TQB	THT104
	TQC	
	TQL	
Multiwire branch breaker handle tie kits	TQB	TQ3HTK
	TQC	TQ4HTK
	TQL	

Surge protective devices



THQLSURGE2

Surge protectors, NEMA Type 1

Description	System voltage	Per phase surge rating	Short circuit rating	Nominal discharge rating	Ordering code
SurgePro panel mounted	120/240 VAC	25kA	200 kA	10 kA	THQLSURGE2
SurgePro externally mounted	120/240 VAC	36 kA	200 kA	10 kA	THOMESURGE



THOMESURGE

ReliaHome enclosed circuit breakers



Outdoor (NEMA 3R) enclosure, 2 pole, neutral included

Main ampere rating	Short circuit rating (kAIC)	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code	Dimension A (in.)	Dimension B (in.)	Dimension C (in.)	Dimension D (in.)	Dimension E (in.)
100	10	(1) #4-1/0	TGL1 (order separately)	TQL100RE	17	7.25	6.875	6	5
125	10	(1) #2-2/0	TGL1 (order separately)	TQL125RE	18.313	7.688	7.5	6.313	5.188
150	22	(1) #6-350	-	THQMV150NRE	18.813	9.5	9.313	5.5	4.875
200	22	(1) #6-350	-	THQMV200NRE	18.813	9.5	9.313	5.5	4.875

ReliaHome field installed accessories

ReliaHome P-Series and P-Series+ load center hardware kits and accessories

Description	Ordering code
Large neutral extension (12 additional neutral spaces)	PNEUXTLG
Small neutral extension (8 additional neutral spaces)	PNEUXTSM
PSCOVERWH contains (10) white front screw covers per bag	PSCOVERWH



TNLK250

ReliaHome P-Series, P-Series+, and T-Series neutral/ground lug kits (top mount)

Description	Wire range	Standard package quantity	Ordering code
ReliaHome neutral/ground lug kit (top mount on neutral bar or ground bar)	6-2/0	1	TNLK20
ReliaHome neutral/ground lug kit (top mount on neutral bar or ground bar)	1-300	1	TNLK250



TGK12 with TGKIS

ReliaHome P-Series, P-Series+, and T-Series isolated ground bus bars equipment ground kit

Description	Standard package quantity	Ordering code
Isolated ground bar kit (order with TGK equipment ground kits)	1	TGKIS

ReliaHome field installed accessories



TMLK125

ReliaHome main lug kits

Description	Wire range (Cu/Al)	Ordering code
125 Amp ReliaHome replacement main lug kit	6-2/0	TMLK125



TLABELSDBP

ReliaHome service disconnect label

Description	Standard package quantity	Ordering code
Emergency service disconnect label kit	10	TLABELSDBP



TFH

ReliaHome P-Series, P-Series+, and T-Series front filler plates

Description	Standard package quantity	Ordering code
1/2" front filler plate	100	TFH
1" front filler plate	1	TQLFP1



THQLRK2

ReliaHome load center main breaker retainers

Description	Breaker type	Ordering code
For use on ReliaHome 3-phase load centers with THQL breakers 100A 3P Max	THQL	-
For use with T-Series TLMQ812RCU2	THQL	-
For use with 6 - 8 circuit ReliaHome T-Series load centers with THQL breakers	THQL	THQLRK2
For use with ReliaHome TLMQ1412XXX convertible load centers	THQL	THQLRK3
For use with 16 - 60 circuit ReliaHome load centers with THQL Breakers. Similar to THQLRK1 but it does not take up a breaker space.	THQL	THQLRK4

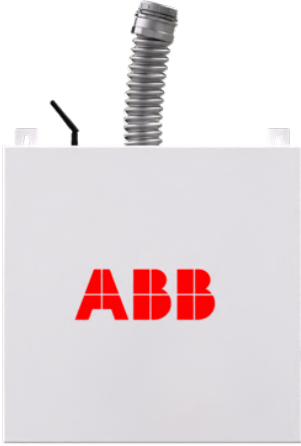


THQLRK3



THQLRK4

ReliaHome smart panel



Description	Material #	ABB Product ID
ReliaHome(TM) Smart Panel - Outdoor	ABBHEM2	1TQJ102110A1004
ReliaHome(TM) Smart Panel - Indoor	ABBHEM2N3R	1TQJ102110A1005
ReliaHome™ Smart Panel Spare 200A CTs	ABBHEM1CT	1TQJ103000E1001

