

Switches, Appliance and Special Use - Component

COMPANY

NINGBO HAISHU LIHE ELECTRONIC CO., LTD

No.228, Qiushi Road

Wangchun Industrial Zone

Haishu District

NINGBO, Zhejiang Sheng 315177 China

E208316

Investigated to ANSI/UL 61058-1

Cat. No.	Load	Amps	Volts	Hz	Temp (°C)	Pol/	Endurance		IP	Dis (mm)	Std.	
						Cir	30C cycle	55C cycle				SPCA
"G Series"												
RL3 (G Series)	R	10 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/1,2	6K	10K	-			
RL3-2 (G Series)	R	10 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/11,2	6K	10K	-			
RL3-3 (G Series)	R	10 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/1,2	6K	10K	-			
RL3-4 (G Series)	R	10 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/1	6K	10K	-			
RL3-4(R) (G Series)	R	10 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/1	6K	10K	-			
RL3-4(S) (G Series)	R	10 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/1	6K	10K	-			
RL3-5 (G Series)	R	10	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	GP	10	125	50/60	105	1,2/1,2	6K	10K	-			
RL3-5(X) (G Series)	R	10	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	GP	10	125	50/60	105	1,2/1,2	6K	10K	-			
RL3-6 (G Series)	R	10 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-

	GP	10 PP	125	50/60	105	1,2/1,2	6K	10K	-			
RL5-2 (G Series)	GP	10	125	50/60	105	1/1	6K	10K	40	full	-	-
	R	10	125	50/60	105	1/1	6K	10K	-			
	GP	6	125	50/60	105	1/1	6K	10K	-			
	R	6	125	50/60	105	1/1	6K	10K	-			
"H Series"												
RL3 (H Series)	hp	1/3 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	R	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	GP	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
RL3-2 (H Series)	hp	1/3 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	R	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	GP	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
RL3-3 (H Series)	hp	1/3 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	R	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	GP	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
RL3-4 (H Series)	hp	1/3 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	R	16 PP	125	50/60	105	1,2/1	6K	10K	-			
	GP	16 PP	125	50/60	105	1,2/1	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1	6K	10K	-			
RL3-4(R) (H Series)	hp	1/3 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	R	16 PP	125	50/60	105	1,2/1	6K	10K	-			
	GP	16 PP	125	50/60	105	1,2/1	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1	6K	10K	-			
RL3-4(S) (H Series)	hp	1/3 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-

	R	16 PP	125	50/60	105	1,2/1	6K	10K	-			
	GP	16 PP	125	50/60	105	1,2/1	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1	6K	10K	-			
RL3-5 (H Series)	hp	1/3 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	R	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	GP	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
RL3-5(X) (H Series)	hp	1/3 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	R	15 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	GP	15 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
RL3-6 (H Series)	hp	1/3 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	R	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	GP	16 PP	125	50/60	105	1,2/1,2	6K	10K	-			
	R	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
	GP	10 PP	250	50/60	105	1,2/1,2	6K	10K	-			
RL5-2 (H Series)	GP	16	125	50/60	105	6	6K	10K	40	full	-	-
	R	16	125	50/60	105	6	6K	10K	-			
	GP	10	250	50/60	105	6	6K	10K	-			
	R	10	250	50/60	105	6	6K	10K	-			
"RL1-1,-3,-5"												
RL1 Series	R	0~20	125	50/60	105	1/1,2	6K	10K	40	full 1.5	-	-
	R	0~15	125	50/60	105	1/1,2	6K	10K	-			
	GP	0~15	125	50/60	105	1/1,2	6K	10K	-			
	GP	0~20	125	50/60	105	1/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1/1,2	6K	10K	-			
RL1-3 Series	R	0~20	125	50/60	105	1/1,2	6K	10K	40	full 1.5	-	-
	R	0~15	125	50/60	105	1/1,2	6K	10K	-			

	GP	0~15	125	50/60	105	1/1,2	6K	10K	-			
	GP	0~20	125	50/60	105	1/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1/1,2	6K	10K	-			
RL1-5 Series	R	0~20	125	50/60	105	1/1,2	6K	10K	40	full 1.5	-	-
	R	0~15	125	50/60	105	1/1,2	6K	10K	-			
	GP	0~15	125	50/60	105	1/1,2	6K	10K	-			
	GP	0~20	125	50/60	105	1/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1/1,2	6K	10K	-			
"RL1-8"												
RL1-8 f/b -(W) or Blank, f/b -21 or -21/N, f/b Letter(s), Number(s), symbol or Blank.	R	0~16	125	50/60	105	1,2/2	6K	10K	40	full 1.5	-	-
	GP	0~16	125	50/60	105	1,2/2	6K	10K	-			
	hp	1/2	125	50/60	105	1,2/2	6K	10K	-			
MB-0500	R	13 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	GP	13 PP	125	50/60	105	1,2/1	6K	10K	-			
MB-0700	R	13 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	GP	13 PP	125	50/60	105	1,2/1	6K	10K	-			
RA1	R	10 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/1,2	6K	10K	-			
RL2 Series	R	0~16	125	50/60	105	1,2/1,2	6K	10K	40	full 1.5	-	-
	GP	0~16	125	50/60	105	1,2/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1,2/1,2	6K	10K	-			
RL2(P) Series	R	0~16	125	50/60	105	1,2/1,2	6K	10K	40	full 1.5	-	-
	GP	0~16	125	50/60	105	1,2/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1,2/1,2	6K	10K	-			
RL2(T) Series	R	0~16	125	50/60	105	1,2/1,2	6K	10K	40	full 1.5	-	-
	GP	0~16	125	50/60	105	1,2/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1,2/1,2	6K	10K	-			
RL2-3 Series	R	0~16	125	50/60	T105	1,2/1,2	6K	10K	40	full 1.5	-	-

	GP	0~16	125	50/60	T105	1,2/1,2	6K	10K	-			
	hp	3/4	125	50/60	T105	1,2/1,2	6K	10K	-			
RL2-5 Series	R	0~16	125	50/60	105	1,2/1,2	6K	10K	40	full 1.5	-	-
	GP	0~16	125	50/60	105	1,2/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1,2/1,2	6K	10K	-			
RL2-5(F) Series	R	0~16	125	50/60	105	1,2/1,2	6K	10K	40	full 1.5	-	-
	GP	0~16	125	50/60	105	1,2/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1,2/1,2	6K	10K	-			
RL2F Series	R	0~16	125	50/60	105	1,2/1,2	6K	10K	40	full 1.5	-	-
	GP	0~16	125	50/60	105	1,2/1,2	6K	10K	-			
	hp	3/4	125	50/60	105	1,2/1,2	6K	10K	-			
RL3(P) Series (RL3(P), f/b -11, -11/N, -12 or -13, f/b -H, Letter(s), Number(s), symbol or Blank.)	R	0~15	125	50/60	105	1/1,2- 2.2	-	10K	40	full 1.5	-	-
	GP	0~15	125	50/60	105	1/1,2- 2.2	-	10K	-			
	hp	1/3	125	50/60	105	1/1,2- 2.2	-	10K	-			

RL3(P) Series RL3(P) -11 -H X I II III IV I Series designation? RL3(P) II Function: -11: SPST, ON-OFF, Without Lamp, 2PIN -11/N: SPST, ON-OFF, With Lamp, 3PIN -12: SPDT, ON-ON, Without Lamp, 3PIN -13: SPDT, ON-OFF- ON, Without Lamp, 3PIN III Fixed Contact: - H: With fixed contact IV Customer definition : Letter(s), Number(s), symbol or Blank.	GP	0~10(4)	0~250	50/60	T125/55	-	-	10K	40	full 1.5	-	-
RL3-10 Series	R	10 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/1,2	6K	10K	-			
RL3-10(S) Series	R	10 PP	125	50/60	105	1,2/1,2	6K	10K	40	full	-	-
	GP	10 PP	125	50/60	105	1,2/1,2	6K	10K	-			
RL3-8 Series	R	6	125	50/60	105	1/1,2	6K	10K	40	full	-	-
	GP	6	125	50/60	105	1/1,2	6K	10K	-			
RL5 Series	hp	3/4	250	50/60	105	1,2/1	6K	10K	40	full	-	-
	hp	1/2	125	50/60	105	1,2/1	6K	10K	-			
	GP	16	125	50/60	105	1,2/1	6K	10K	-			
	R	16	125	50/60	105	1,2/1	6K	10K	-			
RL5-4 Series	hp	1/4	250	50/60	85	1/1	6K	10K	40	full	-	-
	GP	6	125/250	50/60	85	1/1	6K	10K	-			
	R	6	125/250	50/60	85	1/1	6K	10K	-			
RL5-6, RL5-6(R) Series	GP	15	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	R	15	125	50/60	105	1,2/1	6K	10K	-			
RL6, RL6(M) Series	GP	16	125/250	50/60	105	1/1,2	6K	10K	40	micro	-	-
	R	16	125/250	50/60	105	1/1,2	6K	10K	-			
RL8	R	13 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-

	GP	13 PP	125	50/60	105	1,2/1	6K	10K	-			
RL8(D)	R	13 PP	125	50/60	105	1,2/1	6K	10K	40	full	-	-
	GP	13 PP	125	50/60	105	1,2/1	6K	10K	-			

Investigated to ANSI/UL 1054

Cat. No.	Amps	Volts	Hz	Load	Endur- ance	Temp (°C)	POL/ THR	Circuit Code	SPCOA
M2B MB-0700	13	125	60	GP	10K	85	2/1	-/C	3
	8	250	60	GP	10K				
RL1	15	125	60	GP	6K	85	1/1,1/2	-/-	-
	7.5	250	60	GP	6K				
RL1-3	15	125	60	GP	6K	85	1/1,1/2	-/-	-
	7.5	250	60	GP	6K				
RL1-5	15	125	60	GP	6K	105	1/1,1/2	-/-	-
	-	125	60	3/4hp	6K				
	20	125	60	GP	6K				
	-	-	-	GP	-				
RL1-8	16	125	60	GP	6K	105	2/1	PP/-	-
	-	125	60	1/2hp	6K				
	-	250	60	1/2hp	6K				
RL2 (P)	16	125	60	GP	6K	80	2/1,2	-/B	2, A2
	10	250	60	GP	6K				
	-	250	60	3/4hp	6K				
	-	125	60	3/4hp	6K				
RL2, RL2-5	16	125	60	GP	6K	85	2/1, 2/2	-/-	2, 3
	8	250	60	GP	6K				
RL2F	16	125	60	GP	6K	85	2/1,2	-/-	-
	8	250	60	GP	6K				
RL3,RL3-6	16	125	60	GP	6K	105	1/1,1/2	-/-	-
	10	125	60	GP	6K				
	10	250	60	GP	6K				
	-	125	60	1/3hp	6K				
	-	250	60	1/3hp	6K				
RL3-10	10	125	60	GP	6K	105	2/1,2	-/-	-

RL3-10(S)	10	125	60	GP	6K	105	1/4	-/A	-
RL3-2	10	125	60	GP	6K	105	2/1,2/2	-/-	-
	10	250	60	GP	6K				
	16	125	60	GP	6K				
	-	125	60	1/3hp	6K				
	-	250	60	1/3hp	6K				
RL3-3	10	125	60	GP	6K	105	1/1	-/-	-
	10	250	60	GP	6K				
	16	125	60	GP	6K				
	-	250	60	1/3hp	6K				
	-	125	60	1/3hp	6K				
RL3-4, RL3-4R, RL3-4S	10	125	60	GP	6K	105	1/1,2/1	-/-	-
	10	250	60	GP	6K				
	16	125	60	GP	6K				
	-	125	60	1/3hp	6K				
	-	250	60	1/3hp	6K				
RL3-5	16	125	60	GP	6K	105	1/1, 1/2	-/-	-
	10	125	60	GP	6K				
	10	250	60	GP	6K				
	-	125	60	1/3hp	6K				
	-	250	60	1/3hp	6K				
RL3-5(X) F	10	125	60	GP	6K	105	2/2	-/-	-
	10	250	60	GP	6K				
	15	125	60	GP	6K				
	-	125	60	1/3hp	6K				
	-	250	60	1/3hp	6K				
RL3-5(X)D, RL3-5(X)E	10	125	60	GP	6K	105	2/1	-/-	-
	10	250	60	GP	6K				
	15	125	60	GP	6K				
	-	125	60	1/3hp	6K				
	-	250	60	1/3hp	6K				
RL3-7	10	125	60	GP	6K	85	1/1	-/-	3
RL3-8	6	125	60	GP	6K	80	1/1,1/2	-/-	3

RL4	13	125	60	GP	6K	105	2/2	PP/C	A1
	6.5	250	60	GP	6K				
RL4-2	13	125	60	GP	6K	105	2/3	PP/C	A1
	6.5	250	60	GP	6K				
RL4-3	13	125	60	GP	6K	105	2/4	PP/C	A1
	6.5	250	60	GP	6K				
RL5	16	125	60	GP	6K	105	2/2	-/-	2
	-	250	60	3/4hp	6K				
	-	125	60	1/2hp	6K				
RL5-2	16	125	60	GP	6K	85	1/2	-/A	-
	10	125	60	GP	6K				
	10	250	60	GP	6K				
	6	250	60	GP	6K				
RL5-4	6	125	60	GP	6K	85	1/2	-/A	3
	6	250	60	GP	6K				
	-	250	60	1/4hp	6K				
RL6	16	125	60	GP	6K	105	1/1	-/A	-
	16	250	60	GP	6K				
	6	125	60	GP	6K				
	6	250	60	GP	6K				
RL6 (1E4)	6	125	60	GP	10K	105	1/M	-/A	-
RL6-2	10	125	60	GP	6K	85	1/M	-/A	-
	6	250	60	GP	6K				
	6	125	60	GP	6K				
	-	125	60	1/4hp	6K				
RL7 (T105)	16	125	60	GP	6K	105	1/1	-/A	-
	8	250	60	GP	6K				
RL7 (T65)	16	125	60	GP	6K	65	1/1	-/A	-
	8	250	60	GP	6K				
RL8	8	125	60	GP	10K	85	2/1	-/C	3
	8	250	60	GP	10K				
RL8 (D)	13	125	60	GP	10K	85	2/1	-/C	3
	8	250	60	GP	10K				

A1 - Model RL4 - All materials employed for insulating material supporting opposite polarity fixed contacts have a Comparative Tracking Index (CTI) rating of 2 or better and a flammability rating of V-1 or better.

Note A2 - The waterproof covering for this switch was not tested during WOYR testing evaluation and must be evaluated during end product testing for acceptability.

Marking: Company name or trademark **RLEIL**, catalog, model or part number, electrical ratings and the Recognized Component Mark,  on the product or on the smallest unit container in which the product is packaged.

Last Updated on 2023-06-05

在此資料庫中出現的公司名稱或產品，並不代表其產品本身的製造有經過UL 後續檢驗服務的把關。僅有附 UL 標誌的產品才可被視為取得認證，並涵蓋在UL 後續檢驗服務範疇裡。請務必確認產品上是否有此標誌。

UL 允許複製線上認證目錄中所包含的資料，但必須符合以下條件：1.指南資訊、零組件、構造、設計、系統和/或認證 (檔案) 必須以完整的方式呈現，且不得誤導、不得操弄這些資料 (或圖繪) 。2. 「經 UL 許可自線上認證目錄轉載」的聲明，必須顯示在擷取的資料旁。此外，轉載的資料必須包含以下格式的版權聲明： "©2023 UL LLC."