

## Selection Table: Weather-Protected Reelites® Lift, Pick-Up and Suspension† Duty

Type SO Cable      18 thru 14 Gauge      2 thru 24 Conductors

Wire Size A.W.G.	No. of Cond.	Cable Length in Feet								
		20	25	30	35	40	45	50	55	60
		Cable Length in Meters								
		6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
18	2	RL102D	RL102D	RL102D	RL102D	RL102D	RL102D	RL112F	RL112F	RL152K
	3	RL103H	RL103H	RL103H	RL103H	RL103H	RL113F	RL113F	RL113F	RL153K
	4	RL104H	RL104H	RL104H	RL104H	RL104H	RL114F	RL114F	RL154K	RL154K
	5	RL205J	RL205J	RL205J	RL205J	RL205J	RL205J	RL205J	RL205J	RL205J
	6	RL206L	RL206L	RL206L	RL206L	RL206L	RL206L	RL206L	RL206L	RL206L
	7	RL207L	RL207L	RL207L	RL207L	RL207L	RL207L	RL207L	RL207L	RL207L
	8	RL208L	RL208L	RL208L	RL208L	RL208L	RL208L	RL208L	RL228N	RL228N
	16	2	RL102H	RL102H	RL102H	RL102H	RL102H	RL112F	RL112F	RL112F
3		RL103H	RL103H	RL103H●	RL103H	RL103H	RL113F	RL113F●	RL153K	RL153K
4		RL104G	RL104G●	RL104G	RL104G	RL104G●	RL114J	RL154J	RL154J	RL154J
5		RL205L	RL205L	RL205L	RL205L	RL205L	RL205L	RL205L	RL205L	RL205L
6		RL206L	RL206L	RL206L	RL206L	RL206L	RL206L	RL206L	RL206L	RL206L
7		RL207L	RL207L	RL207L	RL207L	RL207L	RL207L	RL207L	RL227N	RL227N
8		RL208L	RL208L	RL208L	RL208L	RL208L	RL208L	RL228N	RL422	RL422
10		RL331	RL331	RL331	RL331	RL331	RL335	RL335	RL449	RL449
12		RL331	RL331	RL331	RL331	RL331	RL336	RL336	RL449	RL449
16		RL340	RL340	RL340	RL340	RL341	RL341	RL456	RL456	RL457
14	20	RL477	RL477	RL478	RL478	RL490	RL490	RL490	RL490	RL491
	24	RL485	RL485	RL485	RL494	RL494	RL495	RL495	RL570	RL570
	2	RL102K	RL102K	RL102K	RL102K	RL152J	RL152J	RL152J	RL152J	RL152J
	3	RL103K	RL103K●	RL103K	RL103K	RL153J	RL153J	RL153J	RL153J●	RL233N
	4	RL104J	RL104J	RL104J●	RL154J	RL154J	RL154J	RL154J●	RL234N	RL234N
	5	RL205L	RL205L	RL205L	RL205L	RL205L	RL205L	RL225N	RL325	RL325
	6	RL206L	RL206L	RL206L	RL206L	RL206L	RL206L	RL325	RL422	RL422
	7	RL207L	RL207L	RL207L	RL207L	RL315	RL319	RL423	RL423	RL423
	8	RL208L	RL208L	RL208L	RL317	RL326	RL423	RL423	RL423	RL427
	10	RL332	RL333	RL333	RL333	RL334	RL452	RL452	RL452	RL452
	12	RL337	RL338	RL338	RL338	RL339	RL455	RL455	RL455	RL455
	16	RL344	RL344	RL344	RL462	RL464	RL464	RL464	RL551	RL553
20	RL479	RL479	RL480	RL480	RL492	RL492	RL568	RL568	RL569	
24	RL487	RL487	RL487	RL571	RL571	RL572	RL572	RL581	RL581	

†For cable lengths shown, reels will provide 10% sag in suspension applications (see introductory Subsection W1 for how sag is measured). For less sag (6%-8%), consult Factory.

●Normally in stock complete with cable and ratchet. (Ratchet locked out; can be engaged where required.) To order, add suffix describing cable size, number of conductors and length. EXAMPLES: (A) To order RL103H above with 30 feet of #16/3-conductor cable, catalog number should be RL103H-163-30. (B) To order RL154J above with 50 feet of #14/4-conductor cable, catalog number should be RL154J-144-50.

## RL100, RL110 and RL150 Series Weather-Protected Reelites®

Type SO Cable 18 to 12 Gauge 2 to 4 Conductors

For specific catalog numbers, refer to selection tables at the beginning of this section.

### Applications

- For indoor and outdoor commercial and industrial service for lift, suspension or pick-up applications.
- Maximum operating capacity 20 amps, 600 volts AC/250 volts DC.
- Transfers safe, uninterrupted electric power to moving equipment requiring #18 to #12 gauge oil-resistant Type SO cable having 2 to 4 conductors.

### Features

- Compact size, light weight, and rugged construction provides long service with minimum maintenance.
- Factory-assembled, modular type collector ring and brush block assembly assures exact alignment and proper brush tension.
- Large, gasketed junction box makes wiring fast and easy.
- Safety ground through separate conductor provides positive grounding path from load to power supply.
- Lifetime-lubricated bearings reduce maintenance.
- Easy-to-remove covers provide quick and complete access to springs and ring/brush assembly for fast cable installation and maintenance.
- Each spring is separately contained in a safety cartridge to eliminate danger during handling or replacement.
- Built-in cable locking ratchet is provided and can be easily activated if required.
- Includes adjustable four-roller cable outlet guide.
- Other optional cable guides and swivel bases and accessories are available at additional cost.

### Standard Materials

- Cast aluminum frame and steel reel-sides.
- Brushes are high-density copper-graphite.
- Collector rings are copper.

### Standard Finish

- Orange epoxy/polyester powder coat and black epoxy powder coat.

### Ordering Information

[For selection tables and other information, refer to index for this section.]

1. Specify complete catalog number (e.g., RL103G or RL114D) from the selection tables at the beginning of this section.
2. Specify cable length, gauge and number of conductors. Refer to Pricing Index for Reelite pricing and to

Pricing Index-Schedule RC for cable pricing. To validate warranty, cable must be ordered with the reel and factory installed to assure undivided responsibility for proper cable length, flexibility, installation and proper pre-tension of power springs.



### Maximum Cable Capacity in Feet

No. Cond.	RL100 Series*				RL110 Series*				RL150 Series*			
	#18	#16	#14	#12	#18	#16	#14	#12	#18	#16	#14	#12
2	45	40	35	30	55	55	—	—	80	80	60	50
3	40	40	35	30	55	50	—	—	80	80	55	50
4	40	40	30	25	50	45	—	—	80	70	50	45

\*For specific catalog numbers, refer to the selection tables.