



## **CONFIGURATOR PLUS<sup>™</sup> WEB APP** HANDBOOK

SOUTHWIRE.COM

# **OUR STORY**

Roy Richards, Sr. founded a small construction company in 1937 to erect power poles. Only two and half years later, the company had strung 3,500 miles of cable. In 1950, Mr. Richards went on to start a small, family-owned operation to manufacture electrical wire and cable. Southwire Company opened with only twelve employees, and within the first two years it had shipped 5 million pounds of wire for the transmission and distribution of electricity. Since that time, Southwire has become one of the world's leading manufacturers of wire and cable and an emerging influence in the industrial electrical space. With more than 7,000 employees, the company serves customers in a wide variety of markets across the globe and has introduced many industry-changing innovations like the SCR<sup>®</sup> continuous casting process, SIM*pull* Solutions<sup>®</sup> products and services, and many more.

#### **SOUTHWIRE, THE COMPANY**

Southwire Company, LLC is North America's leading manufacturer of electrical wire and cable. Nearly one in two new homes built in the United States contains our wire, and we produce half of the cable used to transmit and distribute electricity throughout the nation. More than half of the world's refined copper passes through one of our SCR<sup>®</sup> systems, our tools & equipment business continues to grow and our wire plays a key role in the manufacturing of other products including automotive wiring harnesses.

#### **THE PRODUCTS**

To be successful requires products that give you solutions no matter what stage of the project cycle you are in. Our product teams and dedicated resources work together to listen to and work with our customers, creating solutions that deliver unparalleled value through product innovation, safety, and efficiency.

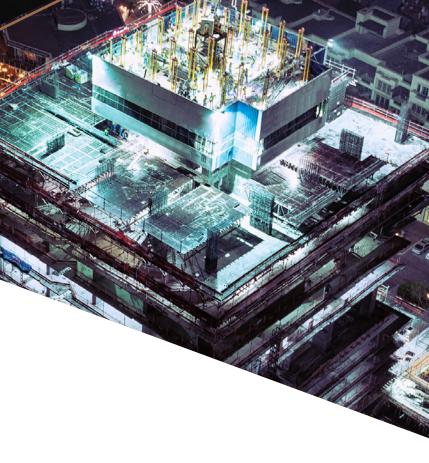
#### **THE SERVICE**

Service is more than a word or a phone number; it's a tangible support system that assists you through the entire project cycle. Starting with our own knowledgeable customer service team, to our CableTechSupport<sup>™</sup>engineering team, whether in the office or in the field, we're there to lend a hand, when you need it most.)

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Download BOM & Request a Quote ......14



### **SET UP ACCOUNT SET UP**

- 1. Go to https://configuratorplus.southwire.com/login.
- 2. Select Create Account.
- 3. Fill out account creation questionnaire.
- 4. Southwire will email account verification link to complete account set up.

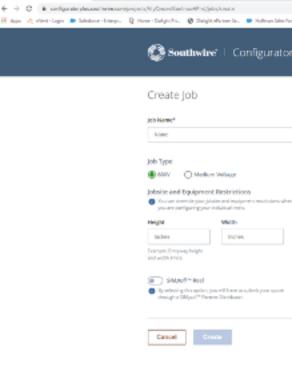
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	Create Account
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	Southern Company, LLC, All Rights Reamined, Billingsteines Trademant and "Trademant Utilization Company, LLC.

### **CREATE CREATE A PROJECT**

- 1. Select Create Project at top right.
- 2. Enter Project Name and click Save.

### **CREATE A JOB WITHIN A PROJECT**

- 1. Select Project that corresponds with Job.
- 2. Select Create Job at top right.
- 3. Fill out relevant fields within the Create Job questionnaire.



NOTES:

- \*\*Entering any height, width, and weight restrictions here will manipulate the reel sizes to fall within those selected limits when configuring reels on last step.
- \*\*SIMpull® Reels are only available in select markets currently, check with your local Southwire distributor to see if these are available prior to configuring job with this selection turned on.

### **CONFIGURATOR PLUS<sup>™</sup> WEB APP HANDBOOK**

4. There can be multiple Jobs entered in Configurator Plus<sup>™</sup> Web App under one Project.

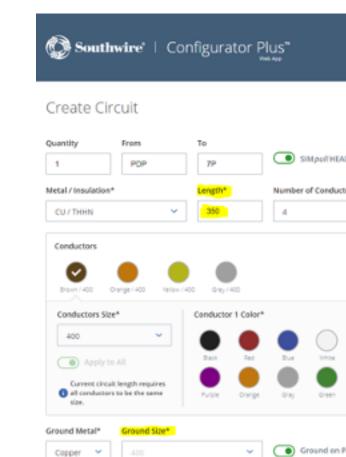
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### **CONFIGURATOR PLUS<sup>™</sup> WEB APP HANDBOOK**

### **CREATE CREATE CIRCUIT ON JOB**

- 1. Select the Job.
- 2. Select Create Circuit in top right.
- 3. Fill in all relevant fields:

antity From	То	SIMpullHEAD	D <sup>®</sup> Pulling Heads	
stal / Insulation*	Length*	Number of Conducts	ors*	
CU / THHN 🗸	Feet	4	<b>~</b>	
Conductors	00 Baok / 500			
• •	00 Baox / 500			
Back/500 Back/500 Back/5			• •	
Bask: 500 Bask: 500 Bask: 5 Conductors Size*		Bue Unite	Veloc Boun	



Save

**EXAMPLE A -**

Copper

Cancel

#### NOTES:

\*\*Ground can be included on parallels as long as it is within 6 sizes of the conductors and 250' or shorter run - the system should prevent any configurations outside of these parameters, but always double check.

The run is 350', therefore, the drop-down menu Ground Size is locked and will not allow you to select ground if Ground on Parallel button is in the on position.

		Reid Shorter
AD <sup>®</sup> Pulling Heads		
ctors*		
×		
• •		
Velas Pase		
Rink Tan		
Parallel		
Save as Default	1	

#### **EXAMPLE B -**

Conductor Size 400 MCM & length or run is 185'. When Ground on Parallel button is in the on position, the Ground Size drop-down menu only offers ground sizes within 6 sizes of conductor.

Create Circuit	🗿 Sout	hwire"	Confi	gura	itor P	lus"					•	D Reid Sh
I POP     Itetal / insulation*        Length*     Number of Conductors*     Cut / ThHN     185     4     Conductors     Image: Apply to All     POP     The Apply to All     The Apply to All <th>Create Ci</th> <th>rcuit</th> <th></th>	Create Ci	rcuit										
Image: set of the set	uantity	From	To									
CU / THHN       185       4         Conductors       Image: / 400       Image: / 400         Struct / 400       Image: / 400       Image: / 400         Conductors Size*       Image: / 400       Image: / 400         Apply to All       Image: / 400       Image: / 400	1	POP		7P		• •	HMpu//HEA	D <sup>®</sup> Pulling	Heads			
Conductors Brown 1 400 Conductors Size* Conductors Size* Apply to All Conductor 1 Color* Brown Brown Brown Brown Conductor 1 Color* Brown Brown Conductor 1 Color* Conductor 1 Color* Brown Brown Conductor 1 Color* Conductor 1 Color* Brown Brown Conductor 1 Color* Conductor 1 Color*	letal / Insulation	*	Le	ingth*		Number	of Conduct	ers*				
Conductors Size* 400 Apply to All Conductor 1 Color* Biax Res Biae Biae Dia Color* Conductor 1 Color* Dia Co	CU / THHN		×	185		4		~				
	Brann / 400											
Purple Orange Gray Green Pink Ten	Brain / 400	ize*			r 1 Color*		0	•	0			
	Conductors Sil	be* V	6		r 1 Color*		Unite	VEDAV				
	Conductors Si 400 Apply	to All		nductor	Res							
Copper V 430 V Ground on Parallel	Conductors Si 400 Apply round Metal*	to All Ground Size		nductor	Aes Crange	E Ma	Green	Prix				
	Conductors Si 400 Apply round Metal*	to All Ground Site 400		nductor	Aes Crange	E Ma	Green	Prix				
Copper V 400 V Ground on Parallel	Conductors Si 400 Apply round Metal* Copper	to All Ground Size 400 3 cel 2		nductor	Aes Crange	E Ma	Green	Pre	Tes			
Copper V 400 V Ground on Parallel	Conductors Si 400 Apply round Metal* Copper	Co All		nductor	Aes Crange	E Ma	Green	Pre	Tes			

#### **EXAMPLE B CONT.**

🚱 Southwire'   Co	nfigurator P	lus
Create Circuit Quantity From 1 PDP	To 7P	● SIMpu//HE
Metal / Insulation*	Length*	Number of Condu 4 1 2 3 4
Conductors Size*	Back/400 Conductor 1 Celor*	5
Ground Metal* Ground Size None  Piesse Select Cancel	v .	Ground on
Cancel	Save	

NOTES:

NOTES:

\*\*Utilize Pre-configured Colors under Number of Conductors drop down to save time when building circuits. Enter the conductor size first and then select Number of Conductors drop down to have the pre-selected color options show. \*\*If you have multiple identical runs, adjust the Quantity field accordingly to save time. You can edit the name of runs on the next page after clicking SAVE, if desired (i.e. 4 identical runs of 2/0 Brown/Orange/Yellow/Gray w/ #6 Ground can be named: PDP to 7PA, PDP to 7PB, PDP to 7PC, PDP to 7PD).

### **CONFIGURATOR PLUS<sup>™</sup> WEB APP HANDBOOK**

Reid Shorter

HEAD<sup>®</sup> Pulling Heads

ctors*	
~	
>	
>	
	••••

n Parallel

Save as Default

#### **EXAMPLE B CONT.**

•	To TP								
•	140								
	19		، ک	Mpoil HBM	p <sup>#</sup> Pulling?	meads			
	Length		Number	ef cendua	ors*				
~	185		4		*				
	Conducto	r 1 Color*							
~				$\bigcirc$		Ø			
	Dark	2ad	1.4	Units.	10 per	Print.			
	Even.	Crorest.		Green		760			
	- Network	v 185	V 185	V 185 4	<ul> <li>185</li> <li>4</li> <li>Conductor 1 Color*</li> <li>Dec les les les les les les les les les les</li></ul>	•     185     4     •       •     185     4     •       •     •     •     •       •     •     •     •       •     •     •     •       •     •     •     •       •     •     •     •       •     •     •     •       •     •     •     •       •     •     •     •       •     •     •     •       •     •     •     •	V     185     4     V       V     0     0     0       V     0     0     0       V     0     0     0       V     0     0     0       V     0     0     0	115     4       0     0       100     0       0     0       0     0       0     0       0     0       0     0       0     0       0     0       0     0       0     0	IB     I       IB

#### **EXAMPLE B CONT.**

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🕲 Sou	Southwire"   Configurator Plus"							
Projects \$ ABC	Pagiers 3 ABC 3							
123 Crease: Mittal	123 Cresset #11000 tax.Modified = 3007ypc #889							
# Feeder	Schedule 🔘	Rech						
III.0	a 🗘 10	\$ szi	÷	UNSTH				
D PDP	π	2/0		185				
PDP	39	2/0		189				
D PDP	7₽	2/0		185				
PDP	37	2/0		1897				
•	ORDER SLECTED							

NOTES: \*\*Select a line by checking the box on far left column, then click edit button in bottom right (circled below in red) to update line name (in this case, changing PDP to 7P to 7PA, 7PB, 7PC, 7PD respectively).

### **CONFIGURATOR PLUS<sup>™</sup> WEB APP HANDBOOK**

			O Reid Sharter
		Download BOM &	Request Quate
		Create Circuit	Configure Job
÷	REL.	Å.	20
	-		~
			~
	-		~

### CONFIGURE **CONFIGURE THE JOB**

- 1. From the Job screen showing list of all circuits on the job, select Configure Job in the upper right corner.
- 2. Select Create Reel and fill in all relative fields.
- 3. From the Available Circuits view, add circuits to a reel by clicking the blue plus icon. (Be sure the Reel you are adding circuits to is selected in the far right column. All unselected reels will be shaded gray.)

🚱 Southwire'   Con	figurator Plus"		Reid Shorter
Configurator			
Reels Create Reel O	Circuits on Reel	Available Circuits	Reel 1
NAME PACKAGE	FROM 10 10 1	ETE 🕆 LENSTH 🛧	N2-FD
Reel 1 N2-FD 🚍 🗄	PDP 7P 2	185 <mark>O</mark> ~ 喜	
Height 15.75"   Width 15.5"	PDP 7P 2	185 <mark>0</mark> ~ 章	
Capacity:	PDP 7P 2	00 185° <mark>O</mark> ~ 🛱	
HeighsWidth: UN Weight: 685. 076	PDP 7P 2	ua 185 <mark>o</mark> - 🗮	
Reel 2 N2-FD 🚔 11			
Regist 15.75" Imats 15.5" Cagacity:			
Height/Width: 0%			0% 0%
Weghu 68, 0%			Height / Width Weight

## **CONFIGURE CONT. CONFIGURE THE JOB CONT.**

4. As you add circuits to a reel, you will notice the following:

- right-hand column based on the circuits you add to each reel.
- the stacked cables.
- Configurator Plus<sup>™</sup> Web App will not allow you to exceed those restrictions when adding circuits to reels during this step.

Southwire'   Configurator Plus"								
Configurator								
Reels Creat	le Reel O	Circ	uits on Reel					
NAME	INCRAGE	FROM	10	\$125				
Reel 1 C	17 吉 日	PDP	79	2/0	1			
Mager 34 Water 27.5"		PDP	79	2/0	1			
Capacity:	57%	POP	7 <b>P</b>	2/0	1			
Height/Widsh: Weight: 15006	60%	PDP	79	2/0	1			
Reel 2 N2-	FD 🏦 🛙							
Height: 15.75" Width: 15.5"								
Capacity: Height/Widt: Weight: 6b.	0% 0%							

### **CONFIGURATOR PLUS<sup>™</sup> WEB APP HANDBOOK**

• Approximate size and weight of the configured reel will appear in the

• Circuits on a reel are color coded to show orientation of each circuit in

• Should you enter restrictions in the Project section of configurator, the

				O Reid Shorter	
Availat				Reel 1	
LENGTH				C17	
185	•	ř	-		
185	۰	ř	1		
185	۰	×	=		
185	•	÷	п		
				$\bigcirc$	
				(87%) (60%)	
				Height / Width Weight	

### **REQUEST A QUOTE DOWNLOAD BOM AND REQUEST A QUOTE**

1. Once you have configured the job, download a PDF copy of the BOM from the Job screen.

Southwire"   Configurator Plus"							🗣 Reid Shorter		
Noject D AIC D							Downland BDM &	Request Quote	
123 Deserved: 4/11/2020 Lose 30	offet – Je	iù 1 <sub>221</sub> e <b>6027</b>					Download allow Co.		
🛉 Teeder Schedule	Reels						Create Circuit	Configure Job	
nom 0	10	\$ SIZE	Ç	LEMOTH	¢	ROL	0	22	
D PDP	28	2/0		185'		Reel 1		*	
D PDP	79	2/0		1851		Reel 1		~	
D PDP	79	2/0		185'		Reel 2		~	

2. The PDF will include details of each reel including orientation of pulls, approx. reel dimensions and weight, a detailed conductor summary, total conductor summary, and total BOM footages/weight.

Project ABC				Reid Shorter - sales
Add 123 Add Type: 600V				(NS) 510-854
Red Name: Red 1			87,	10ks H, 25ks W, 769 LB
PALL 1 OF 2:145 FT				
From/To	PDP / 7P	Colors / Sizes		
Metal Insulation	CUTHEN.	Brown / 210	Orange / 2/0	Tellow / 2/8
Ground	OUTHIN	@ Gray/2/0	Great / 6	
SMpull HEADB	Tes			
From/To Metal Insulation Ground SMpull HERDB	POP / 7P CU THIEN CU THIEN THIS	Bolors / Sizes Brown / 2/0 B Gray / 2/0	Grumpe / 3/8     Gruen / 6	Tellow / 5/8
Reel 2			83;	30in H, 20in M, 369 LB1
			N2;	30in H, 20in N, 369 LB
Reel 2	PDP / IP	Colora/ State	NU,	30m H, 20in N, 349 LB
Reol 2 PULL 1 OF 2: 185 FT	FOP / 7P O/ Tren	Extors / Stors	NI;	90m H, 20in N, 769 LB1
Real 2 PULL 1 OF 2: 185 FT Francis				
Reel 2 PULL 1 OF 2:185 FT Fears/To Metal Involution	OUTION	· Brown / 210	• Grange/2/8	
Real 2 PULL 1 OF 2 185 FT FrankTo Metal Involution Ground	OUTHIN OUTHIN	· Brown / 210	• Grange/2/8	
Reel 2 PULL 1 OF 2: 185 FT FrankTo Metal Invaluation Ground Stelpul HEADE	OUTHIN OUTHIN	· Brown / 210	• Grange/2/8	
Reel 2 PULL 1 OF 2: 185 FT FrankTa Metal Insulation General SMpoil HEADE PULL 2 OF 2: 185 FT	OU THEM OU THEM Yes	Brown /2/0     @ Grey / 2/0	• Grange/2/8	
Reel 2 PULL 1 OF 2: 185 FT Franc/To Metal Invaluation Stepoil HEADB PULL 2: OF 2: 185 FT Franc/To	CU Treni CU Treni Yes	Brown / 2/0     Gray / 3/0     Colors / Stees	Orange / 3/9     Orange / 5/9     Orane / 5	<ul> <li>Tallow / 3/8</li> </ul>

MDUCTORS	UNM	WY (DETAULD)							
Mital	•	aulation	Gala		Size		Length (%)	v	ign (b)
CV	3	муыт төв	Brow	•	24		740	34	1
ev.	5	Mul Tes	Grany	• •	24		340	34	
CU.	3	мүнг төв	Telo	•	2/0		760	34	1
εv	5	SMpul' Tells		0	24		340	34	
CU.		муыт тела	Gree	•			760	70	
NUCTORS	SUMMA	RY (TOTALE OF	(U)						
Metal		Insulation		Size		Leng	b (1) d	Weight	(6)
ev.		SMpul* Tre	es	20		246		1047	
CU		SMpul* TH	8	6		740		70	
ev.						3700		HIP	

## **REQUEST A QUOTE CONT. DOWNLOAD BOM AND REQUEST A QUOTE CONT.**

3. Once you are satisfied with the configuration of the Job, selecting Request Quote will make the BOM visible to your local Southwire representative.

Southwire'   Configurator Plus"							
Projecta & ABC &	Projects & ABC &						
123 Control BATLORDE	123 Control MT122M Last Modifient - Joh Type: MMV						
∳ Feeder Sched	lule 🔘 Reel						
- HOM	\$ 10	\$ HB	\$ URANIH				
E PDP	70	2/8	189				
PDP	79	2/8	185				
- PDP	29	2/8	185/				
D POP	70	2/8	185				

Southwire'   Configurator Plus"
Request a Quote
three submitted, your assigned Regional Southwire Account Management will receive the requested quote. You will be contacted shortly. To notify others that the quote has been requested, enter solid enail add below, separated by comman.
skorarűydeliszam, <u>kor</u> űszleliszam
Menipiens all la abilité inder confusion enal.
Cancel Submit

NOTES:

\*\*You must enter valid email addresses SEPARATED BY COMMAS or the system will not recognize the addresses.

\*\*Selecting Request Quote does not initiate a pricing request. Send the Downloadable BOM to your local Southwire Distribution Partner per standard material requisition practices by your organization to obtain a quote.

### **CONFIGURATOR PLUS<sup>™</sup> WEB APP HANDBOOK**

			<ul> <li>Read Shorter</li> </ul>
		Download BCM 🛆	Request Quote
		Create Circuit	Configure Job
¢	511	\$	8
	Red 1		~
	Red 1		~
	med a		~
	Red 2		~

4. Include your Southwire Sales Representative's email contact in the space provided to ensure your local rep is notified (Jeff Kozel – jkozel@schellco.com, Inside Sales Schell Martin; Reid Shorter - rshorter@schellco.com, Outside Sales Schell Martin).





## **CONFIGURATOR PLUS<sup>™</sup> WEB APP** HANDBOOK

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