

# **M18 FORCE**LOGIC<sup>®</sup> **CRIMPERS**



TOOL SPECIFICATIONS & UL CLASSIFICATION

**SPRING 2022** 





**COMPLETE CATEGORY OFFERING** 



## cULus Classified Connections from #8 – 750 MCM on Cu & Dual Rated Lugs & Splices

### What is UL?

Underwriters Laboratories (UL) is a third party entity that specializes in safety consulting and <u>safety-related testing and certification</u> in the manufacturing, retail and service industries.

#### Why is UL important in the Electrical Industry as it relates to Crimping?

- UL tests and certifies electrical connections to <u>common standards of safety and reliability</u> across multiple manufacturers and multiple combinations of installation. The electrical connection standards are UL 486A and UL 486B.
- UL has two types of recognitions for these standards: <u>UL Listed</u> and <u>UL Classified</u>.

#### Is there a difference in testing standards between Listed and Classified?

No. UL only has one set of standards for electrical connections and all electrical connections that are certified by UL meet these standards.

#### What is the difference between UL Listed and UL Classified?

- UL Listing is only for connector manufacturers and consist of a single branded installation system. (exp: T&B Crimper, T&B Die & T&B Connector)
- UL Classification is given to non-connector manufacturers whose tools meet UL's installation Standards. (Exp: MILWAUKEE<sup>®</sup> Crimper, MILWAUKEE<sup>®</sup> Die & <u>Range of Connectors</u>)
- Because of this, a <u>UL Classified Tool can install a broader range of connectors</u> than a UL Listed tool and <u>at the same standard</u>.

## **MILWAUKEE® ADVANTAGE**

**MILWAUKEE**<sup>°</sup> has the Broadest Range of UL Classification





MILWAUKEE <sup>®</sup> Catalog Number	2679-22 & 2679-20 (Tool-Only – Non-Salable)				
UPC Number	0045242339488				
Description	M18 <sup>™</sup> FORCE LOGIC <sup>™</sup> 600 MCM Cu/350 MCM AI Crimper				
Status	Active				
Di	mensions				
Width	3.13"				
Length	13.40"				
Height	5.46"				
	General				
Weight	4.65 lbs				
Warranty	5-Year Tool, 2-Year Battery				
Product Description	Self-Contained, 6 Tons, 18V DC Lithium-ion Battery Actuated Crimping Tool				
Approvals	Certifications				
cULus	UL Classified 486A-B				
F	Physical				
Pressure (Nominal Operating)	7,500 PSI				
Crimp Force	6 Tons				
Force Developed	6 Tons				
<b>Copper Crimping Capacity</b>	#8 – 750 MCM*				
Aluminum Crimping Capacity	#8 – 750 MCM+				
	18V DC				
Operating Voltage	18V DC				

\*750 MCM when used with Jaw 49-16-U111 & applicable dies

+ 400 – 750 MCM when used with Jaw 49-16-U111 & applicable dies





#### Table A



Connections made with tool 2779-20 or 2679-20 with jaw 49-16-U000 or 49-16-U111 and combination of die and connector part numbers in the charts below produce cULus Classified crimps according to the UL 486A-B classification standards.

	Copper Short & Long Barrel Lugs & Splices											
	Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B					
Splice Model #'s	VHSS VHS	CSP CU	YS YS-L YS-T	CT CTL	SCSS, SCS, SCL SCH	BCU BBCU	54504-54523-TB 54804-54823					
Lug Model #'s	VHCS VHCL	CTL-2 CTL CTL-L LCN	YA, YAZ, YA-L, YA-2L, YA-2LN, YA-L-NT, YA-L-2NT, YA-L-TC, YA-L-2TC, YA-2N, YA-TC, YA-2TC	CLN, CLND, CLNS, CLW, CLWD, CRA, CRB, CRA-L, CRB-L, CRA-2L, CRB-2L, CSW, CSWS	LCAS LCA LCD LCB LCC	BLU BBLU	54104-54123-TB 54204-54223 54850BE-54880BE 54930BE-54923BE					

Wire Size	Die		Die Indentation		Sp	Lugs: Tota lices: # of (				
(Code only)	Color	Cat. No.	Mark	Anderson	Blackburn <sup>®</sup>	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	RED	49-16-U008C	8							
#6 AWG	BLUE	49-16-U006C	6							
#4 AWG	GRAY	49-16-U004C	4							
#2 AWG	BROWN	49-16-U002C	2	1	1	1	1	1	1	1
#1 AWG	GREEN	49-16-U001C	1							
1/0 AWG	PINK	49-16-U01AC	1/0							
2/0 AWG	BLACK	49-16-U02AC	2/0							
3/0 AWG	ORANGE	49-16-U03AC	3/0							
4/0 AWG	PURPLE	49-16-U04AC	4/0	2						
250 MCM	YELLOW	49-16-U250C	250							
300 MCM	WHITE	49-16-U300C	300		2	2	2	2	2	2
350 MCM	RED	49-16-U350C	350	Lugs: 2 Splices: N/A	2	-		-	2	
400 MCM	BLUE	49-16-U400C	400							
500 MCM	BROWN	49-16-U500C	500							
600 MCM	GREEN	49-16-U600C	600							
750 MCM	BLACK	49-16-U750C*	750		3	3	3	3	3	3

	Dual Rated Lugs & Splices												
	Ander	son	Blackbu	urn <sup>®</sup> Burndy		у	ILSCO		Panduit		Penn-Union	T&B	
Splice Model #'	VAC S	S	ASP	YS-A			AS ASN		SA		BCUA	60501-6057	3
Lug Model #'	S VAC	Ľ	ATL						LAA LAB		BLUA	60101-6017 60230-6027	
Wire Size	Die				Die ntation		s		s: Total s: # of C		Crimps s per Side		
(Code only)	Color	Ca	at. No.	N	lark	Anderson	Blackburn®	Burn	idy IL	SCO	Panduit	Penn-Union	T&B
#8 AWG	BLUE	49-1	16-U008		8	1	1					1	
#6 AWG	GRAY	49-1	16-U006		6	Lugs: N/A Splices: 2	Lugs: 2 Splices: N/A	2		2		Lugs: 2 Splices: N/A	2
#4 AWG	GREEN	49-1	16-U004		4	ophotol 2	001000011071	2		2		ophood. I with	2
#2 AWG	PINK	49-1	16-U002		2	2	2	]				2	
#1 AWG	GOLD	49-1	16-U001	1									
1/0 AWG	TAN	49-1	16-U01A		1/0	3	3	3		3	3	3	3
2/0 AWG	OLIVE	49-1	16-U02A		2/0	5	3	3		3	3	3	3
3/0 AWG	RUBY	49-1	16-U03A	:	3/0								
4/0 AWG	WHITE	49-1	16-U04A		4/0								
250 MCM	RED	49-1	16-U250	2	250	4							
300 MCM	BLUE	49-1	16-U300	:	300	4	4	4		4	4	4	4
350 MCM	BROWN	49-1	16-U350	:	350								
400 MCM	GREEN	49-1	6-U400*	4	400	4					4	Lugs: N/A Splices: 4	
500 MCM	PINK	49-1	6-U500*	Ę	500		Lugs: 4 Splices: N/A	4		4	Lugs: 5 Splices: N/A		4
600 MCM	BLACK	49-1	6-U600*	6	600								
750 MCM	YELLOW	49-1	6-U750*		750								

\*Connections must use jaw 49-16-U111. Number of crimps is a minimum. Additional crimps would not negatively affect the integrity of the connection so long as they are uniformly placed between the intended crimp area of the connector, typically outlined with color bands or knurls. For the latest listing of approvals, visit milwaukeetool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.





	Ville Ville Ville Ville Ville Ville Ville V
Certificate Number	20160701-E468689
Report Reference Issue Date	E468689-20151002 2016-JULY-01
Issued to:	Milwaukee Electric Tool Corp
	13135 W Lisbon Rd, Brookfield WI 53005-2550
This is to certify that	CRIMP TOOLS CERTIFIED FOR USE WITH SPECIFIE
representative samples of	WIRE CONNECTORS
	See Addendum Page
	Have been investigated by UL in accordance with the
	Standard(s) indicated on this Certificate.
Standard(s) for Safety:	Wire Connectors, UL 486A-486B
XXXX	Wire Connectors, CSA C22.2 No. 65-13,
Additional Information:	See the UL Online Certifications Directory at
	www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Models:

USC, CNC - Crimp tools, Model Nos. 2679-20.

USC, CNC - Southwire Crimp tools, Model No.SCR6-BC

Bamples

Bruce Mahrenholz, Director North American Certification Program

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MILWAUKEE <sup>®</sup> Catalog Number	2779-22 & 2779-20 (Tool-Only – Non-Salable)				
UPC Number	0045242473786				
Description	M18 <sup>™</sup> FORCE LOGIC <sup>™</sup> 750 MCM Crimper				
Status	Active				
Dim	nensions				
Width	3.65"				
Length	15.88"				
Height	11.09"				
G	eneral				
Weight	11.3 lbs				
Warranty	5-Year Tool, 3-Year Battery (XC), 2-Year Battery (CP)				
Product Description	Self-Contained, 12 Tons, 18V DC Lithium-ion Battery Actuated Crimping Tool				
Approvals	/ Certifications				
cULus	UL Classified 486A-B				
Pł	nysical				
Pressure (Nominal Operating)	9,690 PSI				
Crimp Force	12 Tons				
Force Developed	12 Tons				
<b>Copper Crimping Capacity</b>	#8 – 750 MCM				
Aluminum Crimping Capacity	#8 – 750 MCM				
<b>Operating Voltage</b>	18V DC				





#### Table A



Connections made with this tool (2779-20) and combination of die and connector part CULUS numbers in the charts below produce cULus Classified crimps according to the UL 486A-B classification standards.

				hort a	& Lo									
Anderso	n Black	kburn	3	Burndy	/		ILSCO	Pan	duit	Penn	-Unior		T&B	
VHS, VHSS	C	SP,		YS, YS-L, YS-T			CT, CTL	SCH,	SCL, S,	BE	SCU,	54504	4-5452 304-54	23-TB, 1823
VHCL, VHCS	CT CT	L-2, L-L,	YA-2 Y Y/ Y/ YA-L-	2L, YA- ′A-L-N A-L-2N ′A-L-T( 2TC, Y	2LN, T, T, 2, 'A-2N,	CL CL CR CRB CRB	NŚ, CLW, WD, CRA, B, CRA-L, -L, CRA-2 3-2L, CSW	LC LC LC LC LC	XA, AS, B, C,			542 54850	04-54 BE-54	223, 880BE
Die	Cat	No	Inden	tation	Ando			plices: #	of Cri	mps p	per Sid		Unio	
			-		Ande	erson	Blackbur	n <sup>-</sup> Burr	iay IL	500	Pandu	lit Penn	-Unio	n läe
				-										
			-											
			-				1	1		1	1		1	1
			-		1	1								
-														
			_											
-			_											_
WHITE	49-12-L	J300C	30	00			-							
RED	49-12-L	J350C	3	50										
BLUE	49-12-L	J400C	4(	00			2	2		2	2		2	2
BROWN	49-12-L	J500C	50	00		_	2	2		2	2		2	2
GREEN	49-12-L	J600C	60	00	2	2								
	49-12-l	J750C	. 7!	50										
					Potor	4 I								
A						ı Lu		nces	Devel	·( D			TO	<b>D</b>
VAC														
	Ľ	ATL	-				CL, 2ACN,	ÁLNN	LAE	Ś	_			
			Die				0	Lugs: To	tal # o	f Crin	nps			
	Cat N			ion	ndored	on Pl							nion	T&B
				A	nuerso		ackbuill	Burnuy	12300	- Fal	luult	Ferm-O		
							Lugs: 1							
				s	plices:	1   Sp	blices: N/A	1	1			Splices:	N/A	1
					1		1					1		
					2		2	2	2		2	2		2
RED	49-12-U		250											
BLUE	49-12-11	300 -								1				
BLUE	49-12-U		<u>300</u> 350											
BROWN	49-12-U	350	350											
BROWN GREEN	49-12-U 49-12-U	350 400	350 400											
BROWN	49-12-U	350 400 500	350		3		3	3	3		3	3		3
	VHS, VHSS VHCL, VHCS VHCL, VHCS RED BLUE GRAY BROWN GREEN PINK BLACK ORANGE PURPLE YELLOW WHITE BLUE BROWN GREEN BLACK BLUE BROWN GREEN BLACK DIE COOT BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE	Anderson     Blact       VHS, VHSS     C       VHCL, VHCS     C       VHCL, VHCS     C       VHCS     CT       Cloor     Cat.       RED     49-12-1       BLUE     49-12-1       BROWN     49-12-1       BROWN     49-12-1       BROWN     49-12-1       BROWN     49-12-1       BROWN     49-12-1       BROWN     49-12-1       BLACK     49-12-1       VACK     49-12-1       BLUE     49-12-1       BLACK     49-12-1       BLACK     49-12-1       BLACK     49-12-1       GREN     49-12-1       GRAM     49-12-1       GRAY     49-12-1	Anderson     Blackburn       VHS, VHSS     CSP, CU       VHCL, VHCS     CTL, CTL-2, CTL-1, LCN       VHCS     CTL-2, CTL-1, LCN       BLUE     49-12-U008C       BLUE     49-12-U004C       BROWN     49-12-U004C       BROWN     49-12-U004C       BROWN     49-12-U004C       BROWN     49-12-U004C       BROWN     49-12-U004C       BROWN     49-12-U004C       PINK     49-12-U004C       PURPLE     49-12-U004C       PURPLE     49-12-U004C       PURPLE     49-12-U004C       PURPLE     49-12-U000C       BLUE     49-12-U000C       BLUE     49-12-U000C       BLACK     49-12-U000C       BLACK     49-12-U000C       BLACK     49-12-U000C       BLACK     49-12-U000C       BLACK     49-12-U000C       BLACK     49-12-U000C       GRAY     49-12-U000C       GRAY     49-12-U000A       GRAY     49-12-U000A       GRAY	Anderson   Blackburn®     VHS, VHSS   CSP, CU     VHCL, VHCS   CTL, CTL-2, CTL-1, LCN   YA, YA-2, YA, YA, YA, YA, LCN     Die Color   Cat. No.   Dinden Material Ma	Anderson     Blackburn®     Burndy       VHS, VHSS     CSP, CU     YS, YS, YS, YS, YS, YS, YS, YS, YS, YS,	Anderson     Blackburn®     Burndy       VHS, VHSS     CSP, CU     YS, YS-T, YS-T       VHCL, VHCS     CTL,2, CTL-2, CTL-1, LCN     YA, YAZ, YA-L, YA-2L, YA-2LN, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-TC, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-CT, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-CT, YA-L-2TC, YA-2N, YA-L-CT, YA-2N, YA-L-CT, YA-L-2TC, YA-2N, YA-L-TC, YA-L-2TC, YA-2N, YA-L-TC, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-TC, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-TC, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-L-2TC, YA-2N, YA-CT, BLUE 49-12-U004C     Ander Splice       BLUE     49-12-U03AC     3/0       PURPLE     49-12-U030C     300     2       RED     49-12-U030C     300     2       RED     49-12-U030C     300     2       BLUE     49-12-U000C     600     2       BLACK     49-12-U000C     600     2       BLUE     49-12-U008     8     2       VACL     ATL     YA-A, YA-ATN     2       Die BLUE     49-12-U004     4     2       Die Color     Cat. No.     Indentatio	Anderson     Blackburn®     Burndy     Image: state of the	Anderson     Blackburn®     Burndy     ILSCO       VHS     CSP, VHSS     CU     YS, YS,L, YS,T     CT, CTL     CT, CTL     CT, CTL, YA,2L,YA,2LN, YA,L-2NT, YA,L-2NT, YA,L-2NT, YA,L-2NT, YA,L-2NT, YA,L-2TC, YA,2IN, YA,L-2TC, YA,2IN, YA,L-2TC, YA,2IN, YA,L-2TC, YA,2IN, YA,L-2TC, YA,2IN, YA,L-2TC, YA,2IN, YA,L-2TC, YA,2IN, YA,L-2TC, YA,2IN, YA,L-2TC, YA,2IN, CB,CRA,L, CRB,CRA, Splices: N/A     1       Die GREEN 49-12-U00AC 400 BROWN 49-12-U00C 500 GREEN 49-12-U00A 400 BLUE 49-12-U00A 40 VACS ASP YS-A AS,ASN     Lugs: 1 Splices: N/A       Die GRAY 49-12-U00A 4 FINK 49-12-U00A 4 FIN	Anderson     Blackburn®     Burndy     ILSCO     Pan       VHS, VHSS     CCP, CU     YS, YS, CU     CT, YS-T     SCH, CTL     SCH, SC       VHCL, VHCS     CTL, CTL-2, CTL-1, LCN     YA, YAZ, YA-L, YA-L-2TC, YA-C, YA-TN     Lugs: T Splices: MA       Die BLOE     Indentation Mark     Splices: N/A Splices: N/A     2     2       Anderson     Blackburn®     Burndy     ILSCO     2     2       Mark     Mark     Anderson     Blackburn®     Burndy       BLOE     Indentation Mark     Splices: N/A Splices: N/A     1       Die Color     Indentin Mark     Spli	Anderson     Blackburn®     Burndy     ILSCO     Panduit       VHS, VHSS     CU     YS, CU     YS, YS, YS, VHCL     CT, CTL     SCH, SCL, SCSS       VHCL     CTL, CTL-2, CTL-1, LCN     YA,YAZ,YA-L, YA-2LNT, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-L-2TN, YA-TC,YA-2TC     CLN, CLND, CLWD, CRA, CRB,CRA-L, CRB-2L, CRA-2L, CRB-2L, CRA-2L, CRB-2L, CRA-2L, CRB-2L, CRA-2L, CCB-2L, CRB-2L, CRA-2L, CCB-2L, CRB-2L, CRA-2L, CCB-2L, CRB-2L, CRA-2L, CCB-2L, CRB-2L, CRA-2L, CCB-2L, CRA-2L, CCB-2L, CRB-2L, CRB-	VHS. VHSS     CSP. CU     YS. YS.L YS.T     CT. CTL     SCH, SCL, SCSS     BE B SCSS       VHCL, VHCS     CTL, CTL-L, LCN     YA, YAZ, YA-L, YA-L-NT, VA-L2NT, YA-L-TC, YA-L-TC, YA-2LN, YA-TC, YA-2LN, YA-TC, YA-2LN, YA-TC, YA-2LN, YA-TC, YA-2TC     CLN, CLND, LCA, CRB, CRA, CLWD, CRA, CLWD, CRA, CRB, CRA, CRA, CRA, CRA, CRA, CRA, CRA, CRA,	Anderson     Blackburn®     Burndy     ILSCO     Panduit     Penn-Unior       VHS, VHSS     CU     YS, CU     YS, YS, VS, CU     CTL     SCH, SCL, SCSS     BBCU, SCS, SCSS       VHCL, VHCS     CTL, CTL-2, CTL-1, LCN     YA, YA, YA-L, YA-2L, YA-2LN, VA-L2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-L-2NT, YA-LC, YA-2RL, CRB, CRA-L, CRB, CRA-L, CRB, CRA-L, LCC, CRB, CRA-L, LCC, CRB-2L, CASS, LCD     BBLU     BBLU       Die Indentation RED     49-12-U008C     8     Lugs: Total # of Crimps Splices: # of Crimps per Sid Anderson     Blackburn®     Burndy     ILSCO     Panduit       BROWN 49-12-U000C     6     1     1     1     1     1     1     1       PURPLE     49-12-U00AC     2	Anderson     Blackburn®     Burndy     ILSCO     Panduit     Penn-Union     J       VHS     CSP, VHSS     CU     YS-L, CU     CT, YS-L, YS-L, CIL-2, VAL-2NT, CUV, CRA, CIL-2, CTL-2, CR-2, CTL-2, CR-2, CTL-2, CR-2, CTL-2, CR-	Anderson     Blackburn*     Burndy     ILSCO     Panduit     Penn-Union     T&B       VHS     CSP, VHSS     CU     YS-L     CTL     SCH, SCL, SCS, SCS, SCS, SCS, SCS, SCS, SCS,

Number of crimps is a minimum. Additional crimps would not negatively affect the integrity of the connection so long as they are uniformly placed between the intended crimp area of the connector, typically outlined with color bands or knurls. For the latest listing of approvals, visit milwaukeetool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.





Certificate Number	20160919-E468689
Report Reference	E468689-20160912
Issue Date	2016-SEPTEMBER-19
Issued to:	Milwaukee Electric Tool Corp
	13135 W Lisbon Rd
	Brookfield WI 53005-2550
This is to certify that	CRIMP TOOLS CERTIFIED FOR USE WITH SPECIFIED
representative samples of	WIRE CONNECTORS
	Crimp tools, Model No. 2779-20
	Southwire Crimp tools, Model No. SCR12-C
	Have been investigated by UL in accordance with the
	Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 486A-486B and CSA C22.2 No. 65-13, Wire Connecto
Additional Information:	See the UL Online Certifications Directory at
	www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Bamples Bruce Mahrenholz, Direc orth American Certification Program UL LLC



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MILWAUKEE® Catalog Number	2879-22 & 2879-20 (Tool-Only)				
UPC Number	0045242002764 & 0045242539208				
Description	M18 <sup>™</sup> FORCE LOGIC <sup>™</sup> 15T Crimper				
Status	Active				
Di	mensions				
Width	3.13"				
Length	23.25"				
Height	5.50"				
	General				
Weight	16.11 lbs				
Warranty	5-Year Tool, 3-Year Battery (XC), 2-Year Battery (CP)				
Product Description	Self-Contained, 15 Tons, 18V DC Lithium-ion Battery Actuated Crimping Tool				
Approvals	s / Certifications				
cULus	UL Classified 486A-B				
F	Physical				
Pressure (Nominal Operating)	9,780 PSI				
Crimp Force	15 Tons				
<b>Copper Crimping Capacity</b>	#6 – 1500 MCM				
Aluminum Crimping Capacity	#6 – 1250 MCM				
Operating Voltage	18V DC				
Always Refer to the Operator's	Manual for Full Installation Instructions				





#### TABLE A

Connections made with this tool (2879-20), Adapter (49-15-PUAD) and combination of die and connector part numbers in the charts below produce cULus classified crimps according to the UL 486A-B standard. \*The connections made with these die cat. no.'s create cULus classified crimps without the use of the adapter.

		<u>c</u>	opper Shor	: & Lon <u>g B</u>	arrel <u>Lugs</u>	s & <u>Splic</u>	es			
	Anderson	Blackburn®	Burndy		LSCO	Panduit		n-Union	T&B	
Splice	VHS,	CSP,	YS, YS-L,				SCH, SCL, BE		54504-54528,	
Model #'s	VHSS	CU	YS-T			SCS, SCS		BCU	54804-54828	
Lug	VHCL,	CTL,	YA, YAZ, YA-L, YA		LND, CLNS,	LCA, LCA		BLU,	54104-54128,	
Model #'s	VHCS	CTL-2, CTL-L,	YA-2LN, YA-L-N YA-L-2NT, YA-L-		LWD, CRA, RA-L, CRB-L,	LCB, LCC LCD	',	BLU	54204-5422 54930BE-5492	
		LCN	YA-L-2TC, YA-2		L, CRB-2L,	LOD			54850BE-548	
			YA-TC, YA-2T		V, CSWS					
			Die			Lugs: Tota				
Wire Size	Color		Indentation			lices: # of (				
(Code only)		Cat. No.	Mark	Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	RED	49-12-U008								
#6 AWG	BLUE	49-12-U006								
#4 AWG	GRAY	49-12-U004	-							
#2 AWG	BROWN	49-12-U002								
#1 AWG	GREEN	49-12-U001			1	1	1	1	1	1
1/0 AWG	PINK	49-12-U01A		1						
2/0 AWG	BLACK	49-12-U02/								
3/0 AWG	ORANGE	49-12-U03A								
4/0 AWG	PURPLE	49-12-U04/								
250 MCM	YELLOW	49-12-U250								
300 MCM	WHITE	49-12-U300		2 Lugs: 2						
350 MCM	RED	49-12-U350	DC 350	Lugs: 2 Splices: N/A						
400 MCM	BLUE	49-12-U400	)C 400	Oplices. N/A	2	2	2	2	2	2
500 MCM	BROWN	49-12-U500			2	Z				2
600 MCM	GREEN	49-12-U600		2						
750 MCM	BLACK	49-12-U750								
750 MCM	BLACK	49-15-P750								
800 MCM	ORANGE	49-15-P800		3	3	3	3	3	3	3
1000 MCM	WHITE	49-15-P000	0* 10000							
		49-15-P000	C* 1000P							
		49-15-P000		Rated Luc	as & Splic	es				
	Anderson		Dual	Rated Lug		es Panduit	Penn	-Union	T&B	
Splice			Dual	ILS A	<b>CO</b> S,			-Union CUA	<b>T&amp;B</b> 60501-6058	34
Model #'s	Anderson VACS	Blackburn ASP	Dual ◎ Burndy YS-A	ILS AS	CO S, SN	Panduit SA	B	CUA	60501-6058	
Model #'s Lug	Andersor	Blackburn	Dual Burndy YS-A YA-A,	AS AS ACL, ACN, A	CO S, SN LND, ALNS,	Panduit SA LAA,	B		60501-6058 60101-60184	4 &
Model #'s	Anderson VACS	Blackburn ASP	Dual       ®     Burndy       YS-A     YA-A,       YA-ATN     YA-ATN	ILS AS	CO S, SN LND, ALNS,	Panduit SA LAA, LAB	B	CUA LUA	60501-6058	4 &
Model #'s Lug Model #'s	Anderson VACS VACL	Blackburn ASP	Dual Burndy YS-A YA-A, YA-ATN Die	ILS AS ACL, ACN, A 2ACL, 2A0	CO S, SN LND, ALNS, CN, ALNN	Panduit SA LAA,	B B al # of Cri	CUA LUA imps	60501-6058 60101-60184	4 &
Model #'s Lug Model #'s Wire Size	Anderson VACS VACL Color	Blackburn ASP ATL	Dual Burndy YS-A YA-A, YA-ATN Die Indentation	ILS AS ACL, ACN, A 2ACL, 2A0	CO S, SN LND, ALNS, CN, ALNN	Panduit SA LAA, LAB Lugs: Tota	B B al # of Cri	CUA LUA imps	60501-6058 60101-6018 60230-6028	4 &
Model #'s Lug Model #'s Wire Size (Code Only)	Anderson VACS VACL Color Code	Blackburn ASP ATL Cat. No.	Dual       ®     Burndy       YS-A     YA-A,       YA-ATN     Die       Indentation     Mark	ACL, ACN, A 2ACL, 2AC	CO S, SN LND, ALNS, CN, ALNN	Panduit SA LAA, LAB Lugs: Tota plices: # of	B B al # of Cri Crimps p	CUA LUA imps per Side	60501-6058 60101-6018 60230-6028	4 & 34
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG	Andersor VACS VACL Color Code BLUE	Blackburn       ASP       ATL       Cat. No.       49-12-U00	Dual   ® Burndy   YS-A YS-A   YA-A, YA-ATN Die   Indentation Mark   8 8	ACL, ACN, A ACL, ACN, A ACL, ACN, A Anderson Lugs: N/A	CO S, SN LND, ALNS, CN, ALNN S Blackburn® Lugs: 1	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	B B al # of Cri Crimps p ILSCO	CUA LUA imps per Side	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1	4 & 34 <b>T&amp;E</b>
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG #6 AWG	Anderson VACS VACL Color Code BLUE GRAY	Blackburn       ASP       ATL       Cat. No.       49-12-U00       49-12-U00	Dual   ® Burndy   YS-A YS-A   YA-A, YA-ATN Die   Indentation Mark   8 8   6 6	ACL, ACN, A 2ACL, 2AC	CO S, SN LND, ALNS, CN, ALNN S Blackburn®	Panduit SA LAA, LAB Lugs: Tota plices: # of	B B al # of Cri Crimps p	CUA LUA imps per Side	60501-6058 60101-6018- 60230-6028 Penn-Union	4 & 34
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG #6 AWG #6 AWG #4 AWG	Anderson VACS VACL Color Code BLUE GRAY GREEN	Blackburn       ASP       ATL       Cat. No.       49-12-U00       49-12-U00       49-12-U00	Dual   ® Burndy   YS-A YA-A, YA-ATN   Die Indentation Mark   8 8   6 6   4 4	ACL, ACN, A 2ACL, ACN, A 2ACL, 2AU Anderson Lugs: N/A Splices: 1	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	B B al # of Cri Crimps p ILSCO	CUA LUA imps per Side	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A	4 & 34 <b>T&amp;E</b>
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG #6 AWG #4 AWG #2 AWG	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK	Blackburn       ASP       ATL       49-12-U00       49-12-U00       49-12-U00       49-12-U00	Dual   ® Burndy   YS-A YS-A   YA-A, YA-ATN Die   Indentation Mark B   8 8   6 6   4 4   2 2	ACL, ACN, A ACL, ACN, A ACL, ACN, A Anderson Lugs: N/A	CO S, SN LND, ALNS, CN, ALNN S Blackburn® Lugs: 1	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	B B al # of Cri Crimps p ILSCO	CUA LUA imps per Side	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1	4 & 34 <b>T&amp;E</b>
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG #6 AWG #4 AWG #2 AWG #1 AWG	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD	Blackburn       ASP       ATL       49-12-000       49-12-000       49-12-000       49-12-000       49-12-000       49-12-000	Dual       ®     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation     Mark       8     8       6     6       4     4       2     2       1     1	ACL, ACN, A 2ACL, ACN, A 2ACL, 2AU Anderson Lugs: N/A Splices: 1	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	B B al # of Cri Crimps p ILSCO	CUA LUA imps per Side	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A	4 & 34 <b>T&amp;E</b>
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG #6 AWG #4 AWG #4 AWG #1 AWG 1/0 AWG	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN	Blackburn       ASP       ATL       Question       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00	Dual       ®     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation     Mark       8     8       6     6       4     4       2     2       1     1       A     1/0	ACL, ACN, A 2ACL, ACN, A 2ACL, 2AU Anderson Lugs: N/A Splices: 1	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	B B al # of Cri Crimps p ILSCO	CUA LUA imps per Side	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A	4 & 34 <b>T&amp;E</b>
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG #6 AWG #4 AWG #2 AWG #1 AWG 1/0 AWG 2/0 AWG	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE	Blackburn       ASP       ATL       Question       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U01	Dual       ®     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation Mark     Die       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0	ACL, ACL, ACL, ACL, ACL, ACL, ACL, ACL,	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A 1	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	Bi Bal # of Cri Crimps p ILSCO	CUA LUA mps ler Side Panduit	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A 1	4 & 34 <b>T&amp;E</b>
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG #6 AWG #4 AWG #4 AWG #4 AWG #1 AWG 1/0 AWG 2/0 AWG 3/0 AWG	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY	Blackburn       ASP       ATL       Cat. No.       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U02       49-12-U03	Dual       ®     Burndy       YS-A     YS-A       YA-ATN     Die       Indentation     Mark       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0	ACL, ACN, A 2ACL, ACN, A 2ACL, 2AU Anderson Lugs: N/A Splices: 1	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	B B al # of Cri Crimps p ILSCO	CUA LUA imps per Side	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A	4 & 34 <b>T&amp;E</b>
Model #'s Lug Model #'s Wire Size (Code Only) #8 AWG #6 AWG #4 AWG #4 AWG #1 AWG 1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE	Blackburn       ASP       ATL       Cat. No.       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U02       49-12-U03       49-12-U03       49-12-U04	Dual       ®     Burndy       YS-A     YS-A       YA-ATN     Die       Indentation     Mark       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0       A     4/0	ACL, ACL, ACL, ACL, ACL, ACL, ACL, ACL,	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A 1	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	Bi Bal # of Cri Crimps p ILSCO	CUA LUA mps ler Side Panduit	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A 1	4 & 34 <b>T&amp;E</b>
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #2 AWG       #1 AWG       1/0 AWG       2/0 AWG       3/0 AWG       4/0 AWG       250 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED	Blackburn       ASP       ATL       Question       49-12-000       49-12-000       49-12-000       49-12-000       49-12-000       49-12-000       49-12-003       49-12-003       49-12-003       49-12-003       49-12-003       49-12-003       49-12-004       49-12-025	Dual       ®     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation Mark     B       8     8       6     6       4     4       2     2       1     1       A     1/0       A     3/0       A     4/0       0     250	ACL, ACL, ACL, ACL, ACL, ACL, ACL, ACL,	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A 1	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	Bi Bal # of Cri Crimps p ILSCO	CUA LUA mps ler Side Panduit	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A 1	4 & 34 <b>T&amp;E</b>
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #2 AWG       #1 AWG       1/0 AWG       2/0 AWG       3/0 AWG       4/0 AWG       250 MCM       300 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED BLUE	Blackburn       ASP       ATL       Question       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U02       49-12-U03       49-12-U04       49-12-U03       49-12-U03	Dual       *     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation Mark     B       8     8       6     6       4     4       2     2       1     1       A     1/0       A     3/0       A     4/0       0     250       0     300	ACL, ACL, ACL, ACL, ACL, ACL, ACL, ACL,	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A 1	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	Bi Bal # of Cri Crimps p ILSCO	CUA LUA mps ler Side Panduit	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A 1	4 & 34 <b>T&amp;E</b>
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #1 AWG       1/0 AWG       2/0 AWG       3/0 AWG       4/0 AWG       250 MCM       300 MCM       350 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED BLUE BROWN	Blackburn       ASP       ATL       Question       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U02       49-12-U03       49-12-U03       49-12-U03       49-12-U30       49-12-U30	Dual       *     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation Mark     B       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0       A     4/0       0     250       0     300       0     350	ACL, ACL, ACL, ACL, ACL, ACL, ACL, ACL,	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A 1	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	Bi Bal # of Cri Crimps p ILSCO	CUA LUA mps ler Side Panduit	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A 1	4 & 34 <b>T&amp;E</b>
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #2 AWG       #1 AWG       1/0 AWG       2/0 AWG       3/0 AWG       4/0 AWG       250 MCM       300 MCM       350 MCM       400 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED BLUE BROWN GREEN	Blackburn       ASP       ATL       Question       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U02       49-12-U03       49-12-U03       49-12-U30       49-12-U35       49-12-U40	Dual       ®     Burndy       YS-A     YS-A       YA-ATN     Die       Indentation     Mark       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0       O     2500       0     300       0     350       0     400	ACL, ACL, ACL, 2ACL, 2ACL ACL, 2ACL, 2ACL Anderson Lugs: N/A Splices: 1 1 2 2	CO S, NLND, ALNS, CN, ALNN Blackburn® Lugs: 1 Splices: N/A 1 2	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy 1 2	B B al # of Cri Crimps p ILSCO 1	CUA LUA mps mer Side Panduit	60501-6058 60101-6018 60230-6028 Lugs: 1 Splices: N/A 1 2	4 & 34 1 1 2
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #2 AWG       #1 AWG       1/0 AWG       2/0 AWG       3/0 AWG       4/0 AWG       250 MCM       300 MCM       350 MCM       400 MCM       500 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED BLUE BROWN GREEN PINK	Blackburn       ASP       ATL       ATL       Question of the state of	Dual       ®     Burndy       YS-A     YS-A       YA-ATN     Die       Indentation     Mark       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0       0     250       0     300       0     350       0     400       0     500	ACL, ACL, ACL, ACL, ACL, ACL, ACL, ACL,	CO S, NLND, ALNS, CN, ALNN S Blackburn® Lugs: 1 Splices: N/A 1	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy	Bi Bal # of Cri Crimps p ILSCO	CUA LUA mps ler Side Panduit	60501-6058 60101-6018 60230-6028 Penn-Union Lugs: 1 Splices: N/A 1	4 & 34 <b>T&amp;E</b>
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #4 AWG       #1 AWG       1/0 AWG       2/0 AWG       3/0 AWG       4/0 AWG       250 MCM       300 MCM       350 MCM       400 MCM       500 MCM       600 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED BLUE BROWN GREEN PINK BLACK	Blackburn       ASP       ATL       ATL       Question of the second	Dual       ®     Burndy       YS-A     YS-A       YA-ATN     Die       Indentation     Mark       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0       A     4/0       0     250       0     300       0     350       0     400       0     500       0     600	ACL, ACL, ACL, 2ACL, 2ACL ACL, 2ACL, 2ACL Anderson Lugs: N/A Splices: 1 1 2 2	CO S, NLND, ALNS, CN, ALNN Blackburn® Lugs: 1 Splices: N/A 1 2	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy 1 2	B B al # of Cri Crimps p ILSCO 1	CUA LUA mps mer Side Panduit	60501-6058 60101-6018 60230-6028 Lugs: 1 Splices: N/A 1 2	4 & 34 1 1 2
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #2 AWG       #10 AWG       2/0 AWG       3/0 AWG       4/0 AWG       250 MCM       300 MCM       350 MCM       500 MCM       600 MCM       750 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED BLUE BROWN GREEN BLUE BROWN GREEN HIK BLACK	Blackburn       ASP       ATL       ATL       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U03       49-12-U03       49-12-U30       49-12-U40       49-12-U50       49-12-U50       49-12-U60       49-12-U75	Dual       ®     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation Mark     B       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0       A     4/0       0     250       0     300       0     350       0     500       0     600       0     750	ACL, ACL, ACL, 2ACL, 2ACL ACL, 2ACL, 2ACL Anderson Lugs: N/A Splices: 1 1 2 2	CO S, NLND, ALNS, CN, ALNN Blackburn® Lugs: 1 Splices: N/A 1 2	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy 1 2	B B al # of Cri Crimps p ILSCO 1	CUA LUA mps mer Side Panduit	60501-6058 60101-6018 60230-6028 Lugs: 1 Splices: N/A 1 2	4 & 34 1 1 2
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #4 AWG       #2 AWG       #1 AWG       20 AWG       3/0 AWG       4/0 AWG       250 MCM       300 MCM       350 MCM       500 MCM       500 MCM       500 MCM       500 MCM       500 MCM       750 MCM       750 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED BLUE BROWN GREEN BLUE BROWN GREEN PINK SLLOW YELLOW	Blackburn       ASP       ATL       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U02       49-12-U03       49-12-U03       49-12-U35       49-12-U35       49-12-U30       49-12-U35       49-12-U45	Dual       *     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation Mark     B       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0       A     4/0       0     250       0     300       0     350       0     600       0     500       0     600       0     750	ACL, ACL, ACL, 2ACL, 2ACL ACL, 2ACL, 2ACL Anderson Lugs: N/A Splices: 1 1 2 2	CO S, NLND, ALNS, CN, ALNN Blackburn® Lugs: 1 Splices: N/A 1 2	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy 1 2 3	B B al # of Cri Crimps p ILSCO 1 2 3	CUA LUA mps er Side Panduit 2 2	60501-6058 60101-6018 60230-6028 Lugs: 1 Splices: N/A 1 2 2 3	4 & 34 1 1 2
Model #'s       Lug       Model #'s       Wire Size       (Code Only)       #8 AWG       #6 AWG       #4 AWG       #2 AWG       #10 AWG       2/0 AWG       3/0 AWG       4/0 AWG       250 MCM       300 MCM       350 MCM       500 MCM       600 MCM       750 MCM	Andersor VACS VACL Color Code BLUE GRAY GREEN PINK GOLD TAN OLIVE RUBY WHITE RED BLUE BROWN GREEN BLUE BROWN GREEN HIK BLACK	Blackburn       ASP       ATL       ATL       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U00       49-12-U01       49-12-U03       49-12-U03       49-12-U30       49-12-U40       49-12-U50       49-12-U50       49-12-U60       49-12-U75	Dual       *     Burndy       YS-A     YS-A       YA-A, YA-ATN     Die       Indentation Mark     B       8     8       6     6       4     4       2     2       1     1       A     1/0       A     2/0       A     3/0       A     4/0       0     2550       0     300       0     350       0     500       0     500       0     750       0*     750P       0*     800P	ACL, ACL, ACL, 2ACL, 2ACL ACL, 2ACL, 2ACL Anderson Lugs: N/A Splices: 1 1 2 2	CO S, NLND, ALNS, CN, ALNN Blackburn® Lugs: 1 Splices: N/A 1 2	Panduit SA LAA, LAB Lugs: Tota plices: # of Burndy 1 2	B B al # of Cri Crimps p ILSCO 1	CUA LUA mps mer Side Panduit	60501-6058 60101-6018 60230-6028 Lugs: 1 Splices: N/A 1 2	4 & 34 1 1 2

Number of crimps is a minimum. Additional crimps would not negatively affect the integrity of the connection so long as they are uniformly placed between the intended crimp area of the connector, typically outlined with color bands or knurls. For the latest listing of approvals, visit milwaukeetool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.





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Certificate Number Report Reference Issue Date	20180423-E468689 ] E468689-20180416 ] 2018-APRIL-23 ]
Issued to:	Milwaukee Electric Tool Corp ]
	13135 W Lisbon Rd
	Brookfield WI 53005-2550 ]
This is to certify that	CRIMP TOOLS CERTIFIED FOR USE WITH SPECIFIC
representative samples of	WIRE CONNECTORS
	USC, CNC - Crimp tools, Model No. 2879-20.
	Have been investigated by UL in accordance with the
	Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 486A-486B - Wire Connectors
	CSA C22.2 No. 65-13 - Wire Connectors
Additional Information:	See the UL Online Certifications Directory at
	www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

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MILWAUKEE® Catalog Number	2877-22 & 2877-20 (Tool-Only)
UPC Number	0045242020706
Description	M18 <sup>™</sup> FORCE LOGIC <sup>™</sup> 750 MCM Dieless Crimper
Status	Active
Dir	nensions
Width	3.30"
Length	18.9"
Height	6.50"
G	General
Weight	9.0 lbs
Warranty	5-Year Tool, 2-Year Battery
Product Description	Self-Contained, Dieless, 18V DC Lithium-ion Battery Actuated Crimping Tool
Approvals	c / Certifications
cULus	UL Classified 486A-B
Р	hysical
Pressure (Nominal Operating)	9,250 PSI
Crimp Force	7 Tons
Copper Crimping Capacity	#6 – 750 MCM
Aluminum Crimping Capacity	#6 – 750 MCM
<b>Operating Voltage</b>	18V DC
Always Refer to the Operator's I	Manual for Full Installation Instructions





Table A

Connections made with tool 2877-20 and connector part numbers in the charts below produce cULus Classified crimps according to the UL 486A-B classification standards.

		Сорр	er S	Short & Long	Barrel L	ugs & s	Splic	es				ļ ,
	Anderson*	Blackburn®		Burndy	ILSC	0	Pan	duit	Penn-U	nion		T&B
Splice Model #'s	VHS VHSS	CSP CU	YS, YS-L, YS-T		CT CTL		SCH, SCL, SCS, SCSS		BBCU BCU		54504-54523-TB 54804-54823	
Lug Model #'s	VHCL VHCS	CTL, CTL-L, CTL-2, LCN	YA Y.	A, YA-L, YA-L-NT, I-L-2NT, YA-L-TC, A-L-2TC, YA-2L, YA-2LN, YA-2N, -TC, YA-2TC, YAZ	CLN, CLNE CLW, CLW CRB, CRA-L CRA-2L, C CSW, C	D, CRA, ., CRB-L, .RB-2L,	LCB,	LCAS, LCC, CD	BBL BLU		5420 54850E	I-54123-TB 04-54223 3E-54880BE 3E-54923BE
Str Wir Size Ran					Lugs: Splices: #	Total # of # of Crim	Crimp ps per	os Side				
(Code or		Anderso	n*	Blackburn <sup>®</sup>	Burndy	ILSC	0	Pan	duit	Penr	I-Union	T&B
#6 AW0	G	1-Lugs Or	nly									
#4 AW0	G											
#2 AW0	G											
#1 AW0	G											
1/0 AW	G											
2/0 AW	G											
3/0 AW	G											
4/0 AW	G	1		1	1	1		1			1	1
250 MC	M											
300 MC	M											
350 MC	M											
400 MC	M											
500 MC	M											
600 MC	M											
750 MC	M	1										

		Dual Rat	ed Lugs & Spl	ices with A		UM W	ire					
	Anderson*		Burndy	ILSCO		Panduit	Penn-Ur	nion	n T&B			
Splice Model #'s	VACS	ASP	YS-A	AS ASN		SA	BCU	A 6050	1-60578			
Lug Model #'s	VACL	ATL	YA-A YA-ATN	ACN, 2A ALND, AL	ACL, 2ACL, LA ACN, 2ACN, LA ALND, ALNS, ALNN		BLU/		1-60178 0-60278			
Str Wire Size Range (Code only)			Lugs: Total # of Crimps Splices: # of Crimps per Side									
		Anderson*	Blackburn®	Burndy	ILSCO	ILSCO P		Penn-Union	T&B			
#6 A	WG	1-Splices On	ly									
#4 A	WG											
#2 AWG												
#1 A	WG											
1/0 A	WG											
2/0 AWG												
3/0 AWG												
4/0 A	WG	1	1	1	1		1	1	1			
250 1	NCM											
300 1	NCM											
350 1	NCM											
400 1												
500 1	NCM							J				
600 1	MCM											
750 1	MCM											

\*NOTE: Anderson does not manufacture #6 AWG Dual Rated Lugs or #6 AWG Copper Splices.

		Dual Ra	ted Lugs & S	plices with	COP	PER Wir	е					
Anderson*		Blackburn®	Burndy	ILSCO	ILSCO		Penn-Ur	nion	T&B			
Splice Model #'s	VACS	ASP	YS-A	AS ASN		SA	BCU	A 605	01-60578			
Lug Model #'s	VACL	ATL	YA-A YA-ATN	ACL, 2A ACN, 2A ALND, AL ALNN	CN, NS,	LAA LAB	BLU/		01-60178 30-60278			
Str Wire Size Range (Code only)			Lugs: Total # of Crimps Splices: # of Crimps per Side									
		Anderson*	Blackburn®	Burndy	ILS	CO F	Panduit	Penn-Union	T&B			
#6 A'	WG	1-Splices On	ly									
#4 A'	WG											
#2 A	#2 AWG #1 AWG 1/0 AWG 2/0 AWG											
#1 A												
1/0 A												
2/0 A												
3/0 A	3/0 AWG											
4/0 A	4/0 AWG		1	1	1		1	1	1			
250 N	//CM											
300 N	//CM											
350 N	//CM											
400 N	//CM											
500 N	//CM											
600 N								]				
750 N	//CM											

A single crimp should be centered in the middle of the crimping area. Number of crimps is a minimum. Additional crimps would not negatively affect the integrity of the connection so long as they are uniformly placed between the intended crimp area of the connector, typically outlined with color bands or knurs. For the latest listing of approvals, with milwaukeedcol.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878. \*NOTE: Anderson does not manufacture #6 AWG Dual Rated Lugs or #1 AWG Copper Splices.





Certificate Number Report Reference Issue Date	20190708-E468689 E468689-20190627 2019-JULY-08				
Issued to:	Milwaukee Electric Tool Corp 13135 W Lisbon Rd Brookfield WI 53005-2550				
This certificate confirms that representative samples of	CRIMP TOOLS CERTIFIED FOR USE WITH SPECIFIED WIRE CONNECTORS Crimp tools, Model Nos. 2877-20				
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.				
Standard(s) for Safety:	UL 1976 Outline of Investigation for Crimp Tools For use with Wire Connectors; UL 486A-486B and CSA C22.2 No. 65-18 Wire Connecto				
Additional Information:	See the UL Online Certifications Directory at https://ig.ulprospector.com for additional information.				

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Barnelly

Bruce Mahrenholz, Director North American Certification Program

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FORCE LOGIC<sup>™</sup> is engineered to not only improve upon, but fundamentally change the way high-force tools are used in the field. Through thoughtful design focused on workflow, each tool simplifies a complicated process to deliver the best user experience of its kind. Whether it's a knockout system that can be set up without the weight of the tool for the easiest way to punch, or the 600 MCM Crimper that holds the connector for instant alignment and the fastest repetitive crimps, FORCE LOGIC<sup>™</sup> always delivers the smartest way to work.

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M18 FORCELOGIC 2672-21 Cable Cutter Kit with 750 MCM Jaws

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2435CII-21 M12<sup>™</sup> Cable Stripper Kit for Cu THHN / XHHW 2435AL-21 M12<sup>™</sup> Cable Stripper Kit for AI THHN / XHHW

**M18** 



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**M12** 



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