



# **M18 FORCELOGIC™** **CRIMPERS**



**TOOL SPECIFICATIONS &  
UL CLASSIFICATION**

**SPRING 2023**



## 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 safety-related testing and certification 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 common standards of safety and reliability 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: UL Listed and UL Classified.

#### 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® Crimper, MILWAUKEE® Die & Range of Connectors)
- **Because of this, a UL Classified Tool can install a broader range of connectors than a UL Listed tool and at the same standard.**

## MILWAUKEE® ADVANTAGE

**MILWAUKEE® has the Broadest Range of UL Classification**





**2679-20**

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

For further technical assistance please contact us at 1-800-SAWDUST (729-3878)  
Mon – Fri 7:00 AM – 6:30 PM CST or by email at  
[metproductsupport@milwaukeeetool.com](mailto:metproductsupport@milwaukeeetool.com)



2679-20

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 UL classified crimps according to the UL 486A-B standard.

Table A - United States

CLASSIFIED

UL

Table A - United States

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	LCA, LCAS, LCB, LCC, LCD	BLU & BBLU	54104-54123-TB, 54204-54223, 54850BE-54880BE, 54930BE-54923BE

Wire Size (Code Only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	RED	49-16-U008C	8	1	1	1	1	1	1	
#6 AWG +	BLUE	49-16-U006C	6							
#4 AWG	GRAY	49-16-U004C	4							
#2 AWG +	BROWN	49-16-U002C	2							
#1 AWG +	GREEN	49-16-U001C	1							
1/0 AWG	PINK	49-16-U01AC	1/0	2	2	2	2	2	2	
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							
250 MCM	YELLOW	49-16-U250C	250							
300 MCM	WHITE	49-16-U300C	300							
350 MCM	RED	49-16-U350C	350							
400 MCM	BLUE	49-16-U400C	400							
500 MCM	BROWN	49-16-U500C	500	3	3	3	3	3	3	
600 MCM	GREEN	49-16-U600C	600							
750 MCM	BLACK	49-16-U750C *	750							

+ Concentric or Compressed only

\* Connections must use jaw 49-16-U111

Dual Rated Lugs & Splices									
	Anderson	Blackburn®	Burndy	ILSCO		Panduit	Penn-Union	T&B	
Splice Model #’s	VACS	ASP	YS-A	AS & ASN		SA	BCUA	60501-60578	
Lug Model #’s	VACL	ATL	YA-A & YA-ATN	ACL, ACN, ALND, ALNS, 2ACL, 2ACN, ALNN		LAA & LAB	BLUA	60101-60178 60230-60278	
Wire Size (Code Only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side					
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union
#8 AWG	BLUE	49-16-U008	8	Lugs: N/A Splices: 2	Lugs: 2 Splices: N/A	2	2	Lugs: 2 Splices: N/A	2
#6 AWG	GRAY	49-16-U006	6						
#4 AWG	GREEN	49-16-U004	4						
#2 AWG	PINK	49-16-U002	2	2	2			2	
#1 AWG	GOLD	49-16-U001	1	3	3	3	3	3	3
1/0 AWG	TAN	49-16-U01A	1/0						
2/0 AWG	OLIVE	49-16-U02A	2/0						
3/0 AWG	RUBY	49-16-U03A	3/0						
4/0 AWG	WHITE	49-16-U04A	4/0	4	4	4	4	4	4
250 MCM	RED	49-16-U250	250						
300 MCM	BLUE	49-16-U300	300						
350 MCM	BROWN	49-16-U350	350						
400 MCM	GREEN	49-16-U400 *	400	4		4		Lugs: N/A Splices: 4	4
500 MCM	PINK	49-16-U500 *	500		Lugs: 4 Splices: N/A	4**	Lugs: 5 Splices: N/A		
600 MCM	BLACK	49-16-U600 *	600						
750 MCM	YELLOW	49-16-U750 *	750			4			

\* Connections must use jaw 49-16-U111 \*\* Aluminum wire only

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.





2679-20

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 UL classified crimps according to the UL 486A-B standard.

Table B - Canada and Mexico

CLASSIFIED

UL

C

Table B - Canada and Mexico

Copper Short & Long Barrel Lugs & Splices

Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
<div>Splice Model #s</div> <div>VHSS &amp; VHS</div>	<div>CSP &amp; CU</div>	<div>YS, YS-L, YS-T</div>	<div>CT &amp; CTL</div>	<div>SCSS, SCS, SCL, SCH</div>	<div>BCU &amp; BBCU</div>	<div>54504-54523-TB &amp; 54804-54823</div>
<div>Lug Model #s</div> <div>VHCS &amp; VHCL</div>	<div>CTL-2, CTL, CTL-L, LCN</div>	<div>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</div>	<div>CLN, CLND, CLNS, CLW, CLWD, CRA, CRB, CRA-L, CRB-L, CRA-2L, CRB-2L, CSW, CSWS</div>	<div>LCA, LCAS, LCB, LCC, LCD</div>	<div>BLU &amp; BBLU</div>	<div>54104-54123-TB, 54204-54223, 54850BE-54880BE, 54930BE-54923BE</div>

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

\* Connections must use jaw 49-16-U111

Dual Rated Lugs & Splices										
	Anderson	Blackburn®	Burndy	ILSCO		Panduit	Penn-Union	T&B		
Splice Model #’s	VACS	ASP	YS-A	AS & ASN		SA	BCUA	60501-60578		
Lug Model #’s	VACL	ATL	YA-A & YA-ATN	ACL, ACN, ALND, ALNS, 2ACL, 2ACN, ALNN		LAA & LAB	BLUA	60101-60178 60230-60278		
Wire Size (Code Only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	BLUE	49-16-U008	8	Lugs: N/A Splices: 2	Lugs: 2 Splices: N/A	2	2		Lugs: 2 Splices: N/A	2
#6 AWG	GRAY	49-16-U006	6							
#4 AWG	GREEN	49-16-U004	4							
#2 AWG	PINK	49-16-U002	2	2	2				2	
#1 AWG	GOLD	49-16-U001	1	3	3	3	3	3	3	3
1/0 AWG	TAN	49-16-U01A	1/0							
2/0 AWG	OLIVE	49-16-U02A	2/0							
3/0 AWG	RUBY	49-16-U03A	3/0							
4/0 AWG	WHITE	49-16-U04A	4/0	4	4	4	4	4	4	4
250 MCM	RED	49-16-U250	250							
300 MCM	BLUE	49-16-U300	300							
350 MCM	BROWN	49-16-U350	350							
400 MCM	GREEN	49-16-U400 *	400	4	Lugs: 4 Splices: N/A	4	4	4	Lugs: N/A Splices: 4	4
500 MCM	PINK	49-16-U500 *	500	4**		Lugs: 5 Splices: N/A				
600 MCM	BLACK	49-16-U600 *	600					Lugs: 4** Splices: N/A		
750 MCM	YELLOW	49-16-U750 *	750	4						

\* Connections must use jaw 49-16-U111 \*\* Aluminum wire only

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.



2679-20

## CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160701-E468689  
**Report Reference** E468689-20151002  
**Issue Date** 2016-JULY-01

**Issued to:** Milwaukee Electric Tool Corp  
13135 W Lisbon Rd, Brookfield WI 53005-2550

**This is to certify that representative samples of** CRIMP TOOLS CERTIFIED FOR USE WITH SPECIFIED 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  
Wire Connectors, CSA C22.2 No. 65-13,

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://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

*B. Mahlen*

Bruce Mahlenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>.





**2878-20**

<b>MILWAUKEE® Catalog Number</b>	2878-22 & 2878-20 (Tool-Only – Non-Salable)
<b>UPC Number</b>	0045242576746
<b>Description</b>	M18™ FORCE LOGIC™ 12T Latched Linear Crimper
<b>Status</b>	Active
<b>Dimensions</b>	
<b>Width</b>	3.25"
<b>Length</b>	21.3"
<b>Height</b>	5.8"
<b>General</b>	
<b>Weight</b>	13.8 lbs
<b>Warranty</b>	5-Year Tool, 3-Year Battery (XC), 2-Year Battery (CP)
<b>Product Description</b>	Self-Contained, 12 Tons, 18V DC Lithium-ion Battery Actuated Crimping Tool
<b>Approvals / Certifications</b>	
<b>cULus</b>	UL Classified 486A-B
<b>Physical</b>	
<b>Pressure (Nominal Operating)</b>	12T
<b>Crimp Force</b>	12 Tons
<b>Force Developed</b>	12 Tons
<b>Copper Crimping Capacity</b>	#8 – 750 MCM
<b>Aluminum Crimping Capacity</b>	#8 – 750 MCM
<b>Operating Voltage</b>	18V DC
<i>Always Refer to the Operator's Manual for Full Installation Instructions</i>	

For further technical assistance please contact us at 1-800-SAWDUST (729-3878)  
Mon – Fri 7:00 AM – 6:30 PM CST or by email at  
[metproductsupport@milwaukeeetool.com](mailto:metproductsupport@milwaukeeetool.com)





2878-20

Connections made with this tool (2878-20) and combination of die and connector part numbers in the charts below produce UL classified crimps according to the UL 486A-B standard.

CLASSIFIED




Table A - United States

Copper Short & Long Barrel Lugs & Splices							
Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	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-2, 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	LCA, LCAS, LCB, LCC, LCD	BBLU, BLU	54104-54123-TB, 54204-54223, 54850BE-54880BE, 54930BE-54923BE

Wire Size (Code only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	RED	49-12-U008C	8	1	1	1	1	1	1	
#6 AWG +	BLUE	49-12-U006C	6							
#4 AWG	GRAY	49-12-U004C	4							
#2 AWG +	BROWN	49-12-U002C	2							
#1 AWG +	GREEN	49-12-U001C	1							
1/0 AWG	PINK	49-12-U01AC	1/0							
2/0 AWG	BLACK	49-12-U02AC	2/0							
3/0 AWG	ORANGE	49-12-U03AC	3/0							
4/0 AWG	PURPLE	49-12-U04AC	4/0							
250 MCM	YELLOW	49-12-U250C	250	2	2	2	2	2	2	
300 MCM	WHITE	49-12-U300C	300							
350 MCM	RED	49-12-U350C	350							
400 MCM	BLUE	49-12-U400C	400							
500 MCM	BROWN	49-12-U500C	500							
600 MCM	GREEN	49-12-U600C	600							
750 MCM	BLACK	49-12-U750C	750							

+ Concentric or Compressed only


Dual Rated Lugs & Splices										
	Anderson	Blackburn®	Burndy	ILSCO		Panduit	Penn-Union	T&B		
Splice Model #’s	VACS	ASP	YS-A	AS,ASN		SA	BCUA	60501-60578		
Lug Model #’s	VACL	ATL	YA-A, YA-ATN	ACL, ACN,ALND, ALNS, 2ACL, 2ACN,ALNN		LAA, LAB	BLUA	60101-60178, 60230-60278		
Wire Size (Code only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	BLUE	49-12-U008	8	Lugs: N/A Splices: 1	Lugs: 1 Splices: N/A	1	1		Lugs: 1 Splices: N/A	1
#6 AWG	GRAY	49-12-U006	6							
#4 AWG	GREEN	49-12-U004	4							
#2 AWG	PINK	49-12-U002	2							
#1 AWG	GOLD	49-12-U001	1	1	1			1		
1/0 AWG	TAN	49-12-U01A	1/0	2	2	2	2	2	2	
2/0 AWG	OLIVE	49-12-U02A	2/0							
3/0 AWG	RUBY	49-12-U03A	3/0							
4/0 AWG	WHITE	49-12-U04A	4/0							
250 MCM	RED	49-12-U250	250							
300 MCM	BLUE	49-12-U300	300							
350 MCM	BROWN	49-12-U350	350							
400 MCM	GREEN	49-12-U400	400	3	3	3	3	3	3	
500 MCM	PINK	49-12-U500	500							
600 MCM	BLACK	49-12-U600	600							
750 MCM	YELLOW	49-12-U750	750							

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 milwaukeeetool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.



2878-20

Connections made with this tool (2878-20) and combination of die and connector part numbers in the charts below produce UL classified crimps according to the UL 486A-B standard.



# Table B - Canada and Mexico

## Copper Short & Long Barrel Lugs & Splices

	Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	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-2, 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	LCA, LCAS, LCB, LCC, LCD	BBLU, BLU	54104-54123-TB, 54204-54223, 54850BE-54880BE, 54930BE-54923BE

Wire Size (Code only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side							
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B	
#8 AWG	RED	49-12-U008C	8		1						1
#6 AWG	BLUE	49-12-U006C	6			1	1	1		1	
#4 AWG	GRAY	49-12-U004C	4	1	1					1	1
#2 AWG	BROWN	49-12-U002C	2								
#1 AWG	GREEN	49-12-U001C	1								
1/0 AWG	PINK	49-12-U01AC	1/0	1	1	1	1	1	1	1	
2/0 AWG	BLACK	49-12-U02AC	2/0								
3/0 AWG	ORANGE	49-12-U03AC	3/0								
4/0 AWG	PURPLE	49-12-U04AC	4/0								
250 MCM	YELLOW	49-12-U250C	250								
300 MCM	WHITE	49-12-U300C	300	2	2	2	2	2	2	2	
350 MCM	RED	49-12-U350C	350	Lugs: 2 Splices: N/A							
400 MCM	BLUE	49-12-U400C	400	2							
500 MCM	BROWN	49-12-U500C	500								
600 MCM	GREEN	49-12-U600C	600								
750 MCM	BLACK	49-12-U750C	750								

Dual Rated Lugs & Splices										
	Anderson	Blackburn®	Burndy	ILSCO		Panduit	Penn-Union	T&B		
Splice Model #’s	VACS	ASP	YS-A	AS,ASN		SA	BCUA	60501-60578		
Lug Model #’s	VACL	ATL	YA-A, YA-ATN	ACL, ACN,ALND, ALNS, 2ACL, 2ACN, ALNN		LAA, LAB	BLUA	60101-60178, 60230-60278		
Wire Size (Code only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	BLUE	49-12-U008	8	Lugs: N/A Splices: 1	Lugs: 1 Splices: N/A	1	1		Lugs: 1 Splices: N/A	1
#6 AWG	GRAY	49-12-U006	6							
#4 AWG	GREEN	49-12-U004	4							
#2 AWG	PINK	49-12-U002	2							
#1 AWG	GOLD	49-12-U001	1	1	1			1		
1/0 AWG	TAN	49-12-U01A	1/0	2	2	2	2	2	2	
2/0 AWG	OLIVE	49-12-U02A	2/0							
3/0 AWG	RUBY	49-12-U03A	3/0							
4/0 AWG	WHITE	49-12-U04A	4/0							
250 MCM	RED	49-12-U250	250							
300 MCM	BLUE	49-12-U300	300	3	3	3	3	3	3	
350 MCM	BROWN	49-12-U350	350							
400 MCM	GREEN	49-12-U400	400							
500 MCM	PINK	49-12-U500	500							
600 MCM	BLACK	49-12-U600	600							
750 MCM	YELLOW	49-12-U750	750							

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 milwaukeeetool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.



**2878-20**

## CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2150078-0  
**Report Reference** E468689-20211229  
**Date** 10-Jan-2022

**Issued to:** Milwaukee Electric Tool Corp  
13135 W Lisbon Rd Brookfield, WI 53005-2550  
United States

**This is to certify that  
representative samples of**

ZMLS7 - Crimp Tools Certified for Use with Specified Wire  
Connectors Certified for Canada  
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** CSA C22.2 NO. 65-18, 6th Ed., Issue Date: 2018-04-27,  
Revision Date: 2021-05-05

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.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.

*B. Mahlen*

Bruce Mahlenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>







**2779-20**

<b>MILWAUKEE® Catalog Number</b>	2779-22 & 2779-20 (Tool-Only – Non-Salable)
<b>UPC Number</b>	0045242473786
<b>Description</b>	M18™ FORCE LOGIC™ 750 MCM Crimper
<b>Status</b>	Active
<b>Dimensions</b>	
<b>Width</b>	3.65"
<b>Length</b>	15.88"
<b>Height</b>	11.09"
<b>General</b>	
<b>Weight</b>	11.3 lbs
<b>Warranty</b>	5-Year Tool, 3-Year Battery (XC), 2-Year Battery (CP)
<b>Product Description</b>	Self-Contained, 12 Tons, 18V DC Lithium-ion Battery Actuated Crimping Tool
<b>Approvals / Certifications</b>	
<b>cULus</b>	UL Classified 486A-B
<b>Physical</b>	
<b>Pressure (Nominal Operating)</b>	9,690 PSI
<b>Crimp Force</b>	12 Tons
<b>Force Developed</b>	12 Tons
<b>Copper Crimping Capacity</b>	#8 – 750 MCM
<b>Aluminum Crimping Capacity</b>	#8 – 750 MCM
<b>Operating Voltage</b>	18V DC
<i>Always Refer to the Operator's Manual for Full Installation Instructions</i>	

For further technical assistance please contact us at 1-800-SAWDUST (729-3878)  
 Mon – Fri 7:00 AM – 6:30 PM CST or by email at  
[metproductsupport@milwaukeetool.com](mailto:metproductsupport@milwaukeetool.com)




2779-20

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



Table A - United States



Copper Short & Long Barrel Lugs & Splices

	Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	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-2, 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	LCA, LCAS, LCB, LCC, LCD	BBLU, BLU	54104-54123-TB, 54204-54223, 54850BE-54880BE, 54930BE-54923BE

Wire Size (Code only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	RED	49-12-U008C	8	1	1	1	1	1	1	
#6 AWG +	BLUE	49-12-U006C	6							
#4 AWG	GRAY	49-12-U004C	4							
#2 AWG +	BROWN	49-12-U002C	2							
#1 AWG +	GREEN	49-12-U001C	1							
1/0 AWG	PINK	49-12-U01AC	1/0							
2/0 AWG	BLACK	49-12-U02AC	2/0							
3/0 AWG	ORANGE	49-12-U03AC	3/0							
4/0 AWG	PURPLE	49-12-U04AC	4/0							
250 MCM	YELLOW	49-12-U250C	250							
300 MCM	WHITE	49-12-U300C	300	2	2	2	2	2	2	
350 MCM	RED	49-12-U350C	350	Lugs: 2 Splices: N/A						
400 MCM	BLUE	49-12-U400C	400	2						
500 MCM	BROWN	49-12-U500C	500							
600 MCM	GREEN	49-12-U600C	600							
750 MCM	BLACK	49-12-U750C	750							

+ Concentric or Compressed only

Dual Rated Lugs & Splices										
	Anderson	Blackburn®	Burndy	ILSCO		Panduit	Penn-Union	T&B		
Splice Model #’s	VACS	ASP	YS-A	AS,ASN		SA	BCUA	60501-60578		
Lug Model #’s	VACL	ATL	YA-A, YA-ATN	ACL, ACN,ALND, ALNS, 2ACL, 2ACN, ALNN		LAA, LAB	BLUA	60101-60178 60230-60278		
Wire Size (Code only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	BLUE	49-12-U008	8	Lugs: N/A Splices: 1	Lugs: 1 Splices: N/A	1	1		Lugs: 1 Splices: N/A	1
#6 AWG	GRAY	49-12-U006	6							
#4 AWG	GREEN	49-12-U004	4							
#2 AWG	PINK	49-12-U002	2							
				1	1				1	
#1 AWG	GOLD	49-12-U001	1	2	2	2	2	2	2	2
1/0 AWG	TAN	49-12-U01A	1/0							
2/0 AWG	OLIVE	49-12-U02A	2/0							
3/0 AWG	RUBY	49-12-U03A	3/0							
4/0 AWG	WHITE	49-12-U04A	4/0							
250 MCM	RED	49-12-U250	250							
300 MCM	BLUE	49-12-U300	300	3	3	3	3	3	3	3
350 MCM	BROWN	49-12-U350	350							
400 MCM	GREEN	49-12-U400	400							
500 MCM	PINK	49-12-U500	500							
600 MCM	BLACK	49-12-U600	600							
750 MCM	YELLOW	49-12-U750	750							

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 milwaukeeool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.



2779-20

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

Table B - Canada and Mexico



Copper Short & Long Barrel Lugs & Splices																	
Anderson		Blackburn®		Burndy		ILSCO		Panduit		Penn-Union		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-2, 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		LCA, LCAS, LCB, LCC, LCD		BBLU, BLU		54104-54123-TB, 54204-54223, 54850BE-54880BE, 54930BE-54923BE			
Wire Size (Code only)		Die Color		Cat. No.		Die Indentation Mark		Lugs: Total # of Crimps Splices: # of Crimps per Side									
								Anderson		Blackburn®		Burndy		ILSCO		Panduit	
#8 AWG		RED		49-12-U008C		8				1						1	
#6 AWG		BLUE		49-12-U006C		6						1		1			
#4 AWG		GRAY		49-12-U004C		4		1		1						1	
#2 AWG		BROWN		49-12-U002C		2											
#1 AWG		GREEN		49-12-U001C		1											
1/0 AWG		PINK		49-12-U01AC		1/0		1		1		1		1		1	
2/0 AWG		BLACK		49-12-U02AC		2/0											
3/0 AWG		ORANGE		49-12-U03AC		3/0											
4/0 AWG		PURPLE		49-12-U04AC		4/0											
250 MCM		YELLOW		49-12-U250C		250		2 Lugs: 2 Splices: N/A		2		2		2		2	
300 MCM		WHITE		49-12-U300C		300											
350 MCM		RED		49-12-U350C		350											
400 MCM		BLUE		49-12-U400C		400											
500 MCM		BROWN		49-12-U500C		500											
600 MCM		GREEN		49-12-U600C		600		2									
750 MCM		BLACK		49-12-U750C		750											

Dual Rated Lugs & Splices									
	Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B		
Splice Model #’s	VACS	ASP	YS-A	AS,ASN	SA	BCUA	60501-60578		
Lug Model #’s	VACL	ATL	YA-A, YA-ATN	ACL, ACN,ALND, ALNS, 2ACL, 2ACN, ALNN	LAA, LAB	BLUA	60101-60178, 60230-60278		
Wire Size (Code only)	Die Color	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side					
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union
#8 AWG	BLUE	49-12-U008	8	Lugs: N/A Splices: 1	Lugs: 1 Splices: N/A	1	1	Lugs: 1 Splices: N/A	1
#6 AWG	GRAY	49-12-U006	6						
#4 AWG	GREEN	49-12-U004	4						
#2 AWG	PINK	49-12-U002	2						
#1 AWG	GOLD	49-12-U001	1	2	2	2	2	2	2
1/0 AWG	TAN	49-12-U01A	1/0						
2/0 AWG	OLIVE	49-12-U02A	2/0						
3/0 AWG	RUBY	49-12-U03A	3/0						
4/0 AWG	WHITE	49-12-U04A	4/0						
250 MCM	RED	49-12-U250	250						
300 MCM	BLUE	49-12-U300	300						
350 MCM	BROWN	49-12-U350	350						
400 MCM	GREEN	49-12-U400	400	3	3	3	3	3	3
500 MCM	PINK	49-12-U500	500						
600 MCM	BLACK	49-12-U600	600						
750 MCM	YELLOW	49-12-U750	750						

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 milwaukeeetool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.





2779-20

## CERTIFICATE OF COMPLIANCE

**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  
representative samples of**

CRIMP TOOLS CERTIFIED FOR USE WITH SPECIFIED  
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 Connectors  
**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://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.

*B. Mahlen*

Bruce Mahlenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
contact a local UL Customer Service Representative at <http://ul.com/about/locations/>.





**2879-20**

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

For further technical assistance please contact us at 1-800-SAWDUST (729-3878)  
Mon – Fri 7:00 AM – 6:30 PM CST or by email at  
[metproductsupport@milwaukeeetool.com](mailto:metproductsupport@milwaukeeetool.com)



2879-20

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

Table A - United States

CLASSIFIED




Table A - United States

Copper Short & Long Barrel Lugs & Splices										
	Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B			
Splice Model #s	VHS, VHSS	CSP, CU	YS, YS-L, YS-T	CT, CTL	SCH, SCL, SCS, SCSS	BBCU, BCU	54504-54528, 54804-54828			
Lug Model #s	VHCL, VHCS	CTL, CTL-2, 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	LCA, LCAS, LCB, LCC, LCD	BBLU, BLU	54104-54128, 54204-54228, 54930BE-54928BE, 54850BE-54882BE			
Wire Size (Code only)	Color Code	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	RED	49-12-U008C	8	1	1	1	1	1	1	
#6 AWG +	BLUE	49-12-U006C	6							
#4 AWG	GRAY	49-12-U004C	4							
#2 AWG +	BROWN	49-12-U002C	2							
#1 AWG +	GREEN	49-12-U001C	1							
1/0 AWG	PINK	49-12-U01AC	1/0							
2/0 AWG	BLACK	49-12-U02AC	2/0							
3/0 AWG	ORANGE	49-12-U03AC	3/0							
4/0 AWG	PURPLE	49-12-U04AC	4/0	2	2	2	2	2	2	
250 MCM	YELLOW	49-12-U250C	250							
300 MCM	WHITE	49-12-U300C	300							
350 MCM	RED	49-12-U350C	350							
400 MCM	BLUE	49-12-U400C	400							
500 MCM	BROWN	49-12-U500C	500							
600 MCM	GREEN	49-12-U600C	600							
750 MCM	BLACK	49-12-U750C	750							
750 MCM	BLACK	49-15-P750C *	750P	3	3	3	3	3	3	
800 MCM	ORANGE	49-15-P800C *	800P							
1000 MCM	WHITE	49-15-P000C *	1000P							

\* Concentric or Compressed only

Dual Rated Lugs & Splices														
	Anderson	Blackburn®	Burndy	ILSCO		Panduit	Penn-Union	T&B						
Splice Model #’s	VACS	ASP	YS-A	AS, ASN		SA	BCUA	60501-60584						
Lug Model #’s	VACL	ATL	YA-A, YA-ATN	ACL, ACN, ALND, ALNS, 2ACL, 2ACN, ALNN		LAA, LAB	BLUA	60101-60184 & 60230-60284						
Wire Size (Code Only)	Color Code	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side										
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B				
#8 AWG	BLUE	49-12-U008	8	Lugs: N/A Splices: 1	Lugs: 1 Splices: N/A	1	1		Lugs: 1 Splices: N/A	1				
#6 AWG	GRAY	49-12-U006	6											
#4 AWG	GREEN	49-12-U004	4											
#2 AWG	PINK	49-12-U002	2	1	1	2	2	2	2	2				
#1 AWG	GOLD	49-12-U001	1	2	2									
1/0 AWG	TAN	49-12-U01A	1/0											
2/0 AWG	OLIVE	49-12-U02A	2/0											
3/0 AWG	RUBY	49-12-U03A	3/0											
4/0 AWG	WHITE	49-12-U04A	4/0											
250 MCM	RED	49-12-U250	250											
300 MCM	BLUE	49-12-U300	300											
350 MCM	BROWN	49-12-U350	350	3	3	3	3	3	3					
400 MCM	GREEN	49-12-U400	400											
500 MCM	PINK	49-12-U500	500											
600 MCM	BLACK	49-12-U600	600											
750 MCM	YELLOW	49-12-U750	750											
750 MCM	YELLOW	49-15-P750 *	750P			4	4	4	4					
800 MCM	GRAY	49-15-P800 *	800P											
1000 MCM	BROWN	49-15-P000 *	1000P											

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 milwaukeeetool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.



2879-20

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

Table B - Canada and Mexico

CLASSIFIED  
C

Copper Short & Long Barrel Lugs & Splices										
	Anderson	Blackburn®	Burndy	ILSCO		Panduit	Penn-Union		T&B	
Splice Model #s	VHS, VHSS	CSP, CU	YS, YS-L, YS-T	CT, CTL		SCH, SCL, SCS, SCSS	BBCU, BCU	54504-54528, 54804-54828		
Lug Model #s	VHCL, VHCS	CTL, CTL-2, 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		LCA, LCAS, LCB, LCC, LCD	BBLU, BLU	54104-54128, 54204-54228, 54930BE-54928BE, 54850BE-54882BE		
Wire Size (Code only)	Color Code	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side						
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#8 AWG	RED	49-12-U008C	8		1				1	
#6 AWG	BLUE	49-12-U006C	6			1	1	1		
#4 AWG	GRAY	49-12-U004C	4		1				1	
#2 AWG	BROWN	49-12-U002C	2	1						
#1 AWG	GREEN	49-12-U001C	1							
1/0 AWG	PINK	49-12-U01AC	1/0	1	1	1	1	1	1	
2/0 AWG	BLACK	49-12-U02AC	2/0							
3/0 AWG	ORANGE	49-12-U03AC	3/0							
4/0 AWG	PURPLE	49-12-U04AC	4/0							
250 MCM	YELLOW	49-12-U250C	250							
300 MCM	WHITE	49-12-U300C	300	2	2	2	2	2	2	
350 MCM	RED	49-12-U350C	350	Lugs: 2 Splices: N/A						
400 MCM	BLUE	49-12-U400C	400							
500 MCM	BROWN	49-12-U500C	500							
600 MCM	GREEN	49-12-U600C	600							
750 MCM	BLACK	49-12-U750C	750	2						
750 MCM	BLACK	49-15-P750C *	750P							
800 MCM	ORANGE	49-15-P800C *	800P							
1000 MCM	WHITE	49-15-P000C *	1000P							

Dual Rated Lugs & Splices									
	Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B		
Splice Model #’s	VACS	ASP	YS-A	AS, ASN	SA	BCUA	60501-60584		
Lug Model #’s	VACL	ATL	YA-A, YA-ATN	ACL, ACN, ALND, ALNS, 2ACL, 2ACN, ALNN	LAA, LAB	BLUA	60101-60184 & 60230-60284		
Wire Size (Code Only)	Color Code	Cat. No.	Die Indentation Mark	Lugs: Total # of Crimps Splices: # of Crimps per Side					
				Anderson	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union
#8 AWG	BLUE	49-12-U008	8	Lugs: N/A Splices: 1	Lugs: 1 Splices: N/A	1	1	Lugs: 1 Splices: N/A	1
#6 AWG	GRAY	49-12-U006	6						
#4 AWG	GREEN	49-12-U004	4						
#2 AWG	PINK	49-12-U002	2						
#1 AWG	GOLD	49-12-U001	1	1	1			1	
1/0 AWG	TAN	49-12-U01A	1/0	2	2	2	2	2	2
2/0 AWG	OLIVE	49-12-U02A	2/0						
3/0 AWG	RUBY	49-12-U03A	3/0						
4/0 AWG	WHITE	49-12-U04A	4/0						
250 MCM	RED	49-12-U250	250						
300 MCM	BLUE	49-12-U300	300						
350 MCM	BROWN	49-12-U350	350	3	3	3	3	3	3
400 MCM	GREEN	49-12-U400	400						
500 MCM	PINK	49-12-U500	500						
600 MCM	BLACK	49-12-U600	600						
750 MCM	YELLOW	49-12-U750	750						
750 MCM	YELLOW	49-15-P750 *	750P						
800 MCM	GRAY	49-15-P800 *	800P	4	4	4	4	4	
1000 MCM	BROWN	49-15-P000 *	1000P						

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 milwaukeekeetool.com. For technical or service assistance, contact Milwaukee Customer Service at 1-800-729-3878.



**2879-20**

## CERTIFICATE OF COMPLIANCE

Certificate Number [20180423-E468689]  
Report Reference [E468689-20180416]  
Issue Date [2018-APRIL-23]

Issued to: [Milwaukee Electric Tool Corp]  
[13135 W Lisbon Rd  
Brookfield WI 53005-2550]

This is to certify that  
representative samples of [CRIMP TOOLS CERTIFIED FOR USE WITH SPECIFIED  
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](http://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

*B. Mahler*

Bruce Mahlerholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
contact a local UL Customer Service Representative at [ul.com/customer-service](http://ul.com/customer-service)







**2877-20**

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

For further technical assistance please contact us at 1-800-SAWDUST (729-3878)  
Mon – Fri 7:00 AM – 6:30 PM CST or by email at  
[metproductsupport@milwaukeeetool.com](mailto:metproductsupport@milwaukeeetool.com)



2877-20



**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.

Copper Short & Long Barrel Lugs & Splices							
	Anderson*	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	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, YA-L, YA-L-NT, YA-L-2NT, YA-L-TC, YA-L-2TC, YA-2L, YA-2LN, YA-2N, YA-TC, YA-2TC, YAZ	CLN, CLND, CLNS, CLW, CLWD, CRA, CRB, CRA-L, CRB-L, CRA-2L, CRB-2L, CSW, CSWS	LCA, LCAS, LCB, LCC, LCD	BBLU BLU	54104-54123-TB 54204-54223 54850BE-54880BE 54930BE-54923BE
Str Wire Size Range (Code only)	Lugs: Total # of Crimps Splices: # of Crimps per Side						
	Anderson*	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#6 AWG	1-Lugs Only						
#4 AWG							
#2 AWG							
#1 AWG							
1/0 AWG							
2/0 AWG							
3/0 AWG							
4/0 AWG							
250 MCM		1	1	1	1	1	1
300 MCM							
350 MCM							
400 MCM							
500 MCM							
600 MCM							
750 MCM							

Dual Rated Lugs & Splices with ALUMINUM Wire							
	Anderson*	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
Splice Model #s	VACS	ASP	YS-A	AS ASN	SA	BCUA	60501-60578
Lug Model #s	VACL	ATL	YA-A YA-ATN	ACL, 2ACL, ACN, 2ACN, ALND, ALNS, ALNN	LAA LAB	BLUA	60101-60178 60230-60278
Str Wire Size Range (Code only)	Lugs: Total # of Crimps Splices: # of Crimps per Side						
	Anderson*	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#6 AWG	1-Splices Only						
#4 AWG							
#2 AWG							
#1 AWG							
1/0 AWG							
2/0 AWG							
3/0 AWG							
4/0 AWG							
250 MCM		1	1	1	1	1	1
300 MCM							
350 MCM							
400 MCM							
500 MCM							
600 MCM							
750 MCM							

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

Dual Rated Lugs & Splices with COPPER Wire							
	Anderson*	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
Splice Model #s	VACS	ASP	YS-A	AS ASN	SA	BCUA	60501-60578
Lug Model #s	VACL	ATL	YA-A YA-ATN	ACL, 2ACL, ACN, 2ACN, ALND, ALNS, ALNN	LAA LAB	BLUA	60101-60178 60230-60278
Str Wire Size Range (Code only)	Lugs: Total # of Crimps Splices: # of Crimps per Side						
	Anderson*	Blackburn®	Burndy	ILSCO	Panduit	Penn-Union	T&B
#6 AWG	1-Splices Only						
#4 AWG							
#2 AWG							
#1 AWG							
1/0 AWG							
2/0 AWG							
3/0 AWG							
4/0 AWG							
250 MCM		1	1	1	1	1	1
300 MCM							
350 MCM							
400 MCM							
500 MCM							
600 MCM							
750 MCM							

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 knurls. For the latest listing of approvals, visit [milwaukeeool.com](http://milwaukeeool.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.



**2877-20**

## CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190708-E468689  
**Report Reference** E468689-20190627  
**Issue Date** 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 Connectors.

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.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.

*B. Mahrenholz*

Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>





# M18 FORCELOGIC™

FORCE LOGIC™ 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™ always delivers the smartest way to work.

## THE SMARTEST WAY TO WORK



THE MOST ACCURATE WAY TO CRIMP



THE EASIEST WAY TO CRIMP



THE FASTEST WAY TO CRIMP



THE SIMPLEST WAY TO CRIMP



THE EASIEST WAY TO CRIMP

## INDUSTRY LEADER IN CORDLESS INNOVATION



**M18 FORCELOGIC**  
**2677-23**  
6 Ton Knockout 1/2" – 4" Kit  
**2677-21**  
6 Ton Knockout 1/2" – 2" Kit



**M18 FORCELOGIC**  
**2676-23**  
10 Ton Knockout Tool 1/2" – 4" Kit  
**2676-22**  
10 Ton Knockout Tool 1/2" – 2" Kit



**M18 FORCELOGIC**  
**2672-21**  
Cable Cutter Kit with 750 MCM Jaws  
**2672-21F**  
Cable Cutter Kit with Fine Stranded Wire Jaw



**M12 FUEL**  
**2465-22**  
3/8" Digital Torque Wrench w/ ONE-KEY™ Kit



**M12 FUEL**  
**2466-22**  
1/2" Digital Torque Wrench w/ ONE-KEY™ Kit



**M18 FUEL**  
**2873A-22**  
ANGLER™ 120' Steel Pulling Fish Tape Kit  
**2873B-22**  
ANGLER™ 240' Steel Pulling Fish Tape Kit



**2935CU-21**  
M18™ Cable Stripper Kit for Cu THHN / XHHW  
**2935AL-21**  
M18™ Cable Stripper Kit for Al THHN / XHHW



**2435CU-21**  
M12™ Cable Stripper Kit for Cu THHN / XHHW  
**2435AL-21**  
M12™ Cable Stripper Kit for Al THHN / XHHW



**2872-21**  
M18™ Brushless Threaded Rod Cutter Kit



**2136-20**  
M18™ ROCKET™ Tower Light/Charger



OVER 300 SOLUTIONS, ONE CHARGER



# NOTES

[illegible]





Nothing but **HEAVY DUTY.**®

**VIEW  
DIGITAL VERSION**



<https://qr.mke.tl/2we63>