RADLOK® SERIES

RADLOK® DESCRIPTION

DESCRIPTION AND CHARACTERISTICS

- QUICK LOCKING FEATURE TO REPLACE A CABLE LUG
- USE WITH RADLOK™ MATING PIN FOR LOCKING
- OVERMOLDED PLASTIC PROTECTION CAP WITH INTEGRATED LOCKING MECHANISM
- COPPER FUSIONLUG WITH INTEGRATED RADSOK R4
- HIGH CURRENT RATINGS AND MEETS ROHS STANDARDS
- AVAILABLE PRE-ASSEMBLED WITH CABLE
- AVAILABLE ALSO WITH EXPOSED CRIMP BARREL FOR CUSTOMER TERMINATION
- CURRENT RATING 70AMP UP TO 500AMP AT 80C (800AMP AT 20C)
- VOLTAGE RATING 1000V
- AVAILABLE IN DIFFERENT COLORS (ORANGE, RED, AND BLACK)
- ROHS AND REACH COMPLIANT
- IP40 IN MATED CONDITION
- PANEL FEED-THRU IS IP67-IP6K9K TOWARDS INSIDE

AVAIALBLE SIZES

- 3.6MM, FOR 10SQMM CABLE
- 5,7MM, FOR 16SQMM – UP TO 25SQMM CABLE
- 8.0MM, FOR 35SQMM – UP TO 50SQMM CABLE
- 10,0MM, FOR 50SQMM – UP TO 95SQMM CABLE
- 12,00MM, FOR 95SQMM - UP TO 120SQMM CABLE
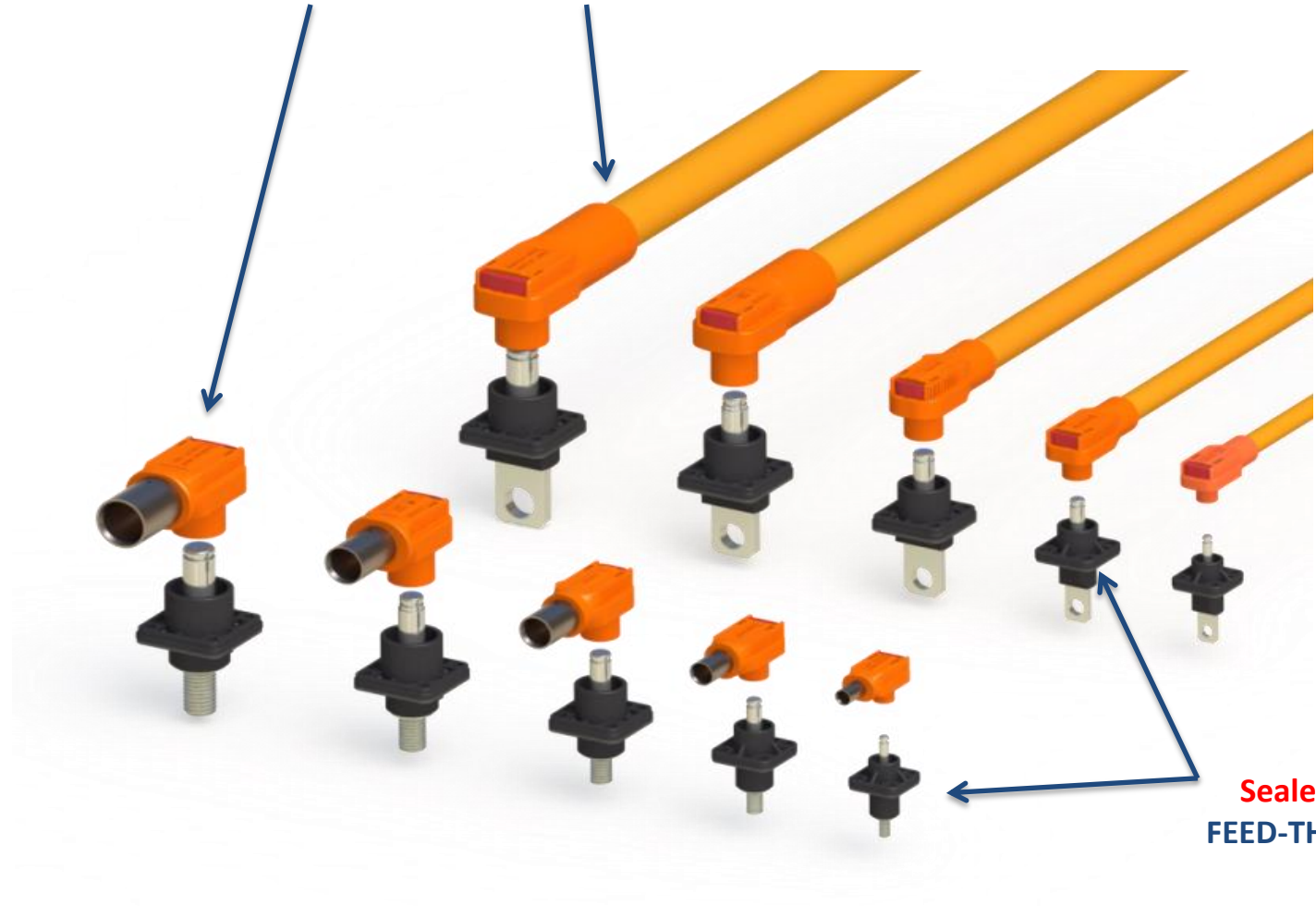- 14,00MM, FOR 120SQMM - UP TO 150SQMM CABLE

PDF
Catalog

RADLOK® OVERVIEW

Field **CRIMPABLE** or **OVERMOLDED**
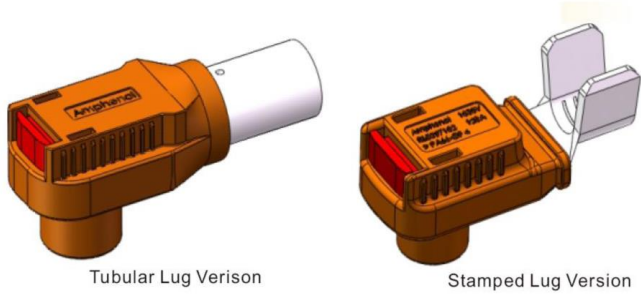
SECONDARY
locking

QUICK
Power Connect

70A to 500A
Operating Current

RADSOK®
contact technology

Sealed
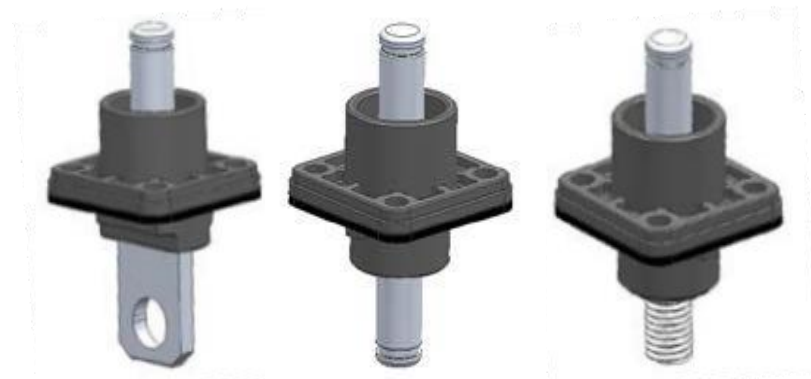**FEED-THRU**

RADLOK® HARDWARE OPTIONS

FIELD INSTALLABLE
(IP40 IN MATED CONDITION)

Tubular Lug Verison

Stamped Lug Version

SEALED FEED-THRU
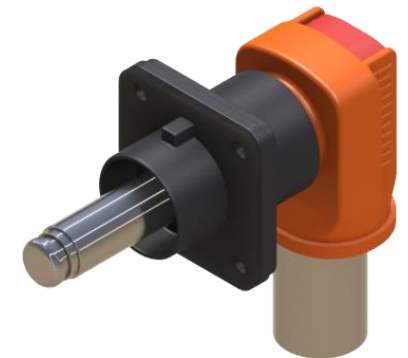(IP67-IP6K9K TOWARDS INSIDE PANEL)

FLAT BUSBAR
HOLE

RADLOK PIN
DOUBLE CONNECT

THREADED BUSBAR
METRIC

BUSBAR PIN METRIC

PRE ASSEMBLED

MATED PAIR EXAMPLE
(IP 40 IN MATED CONDITION)
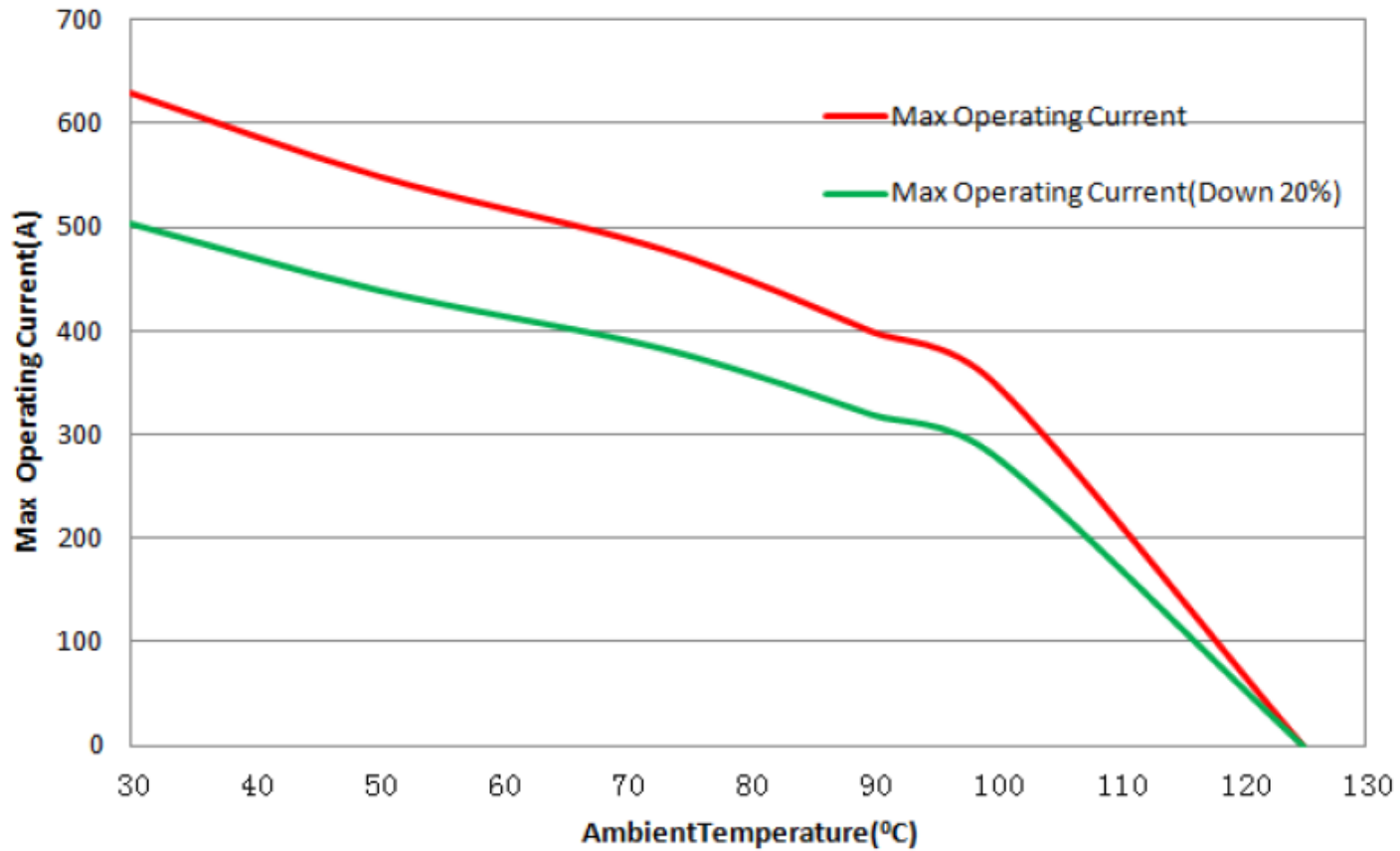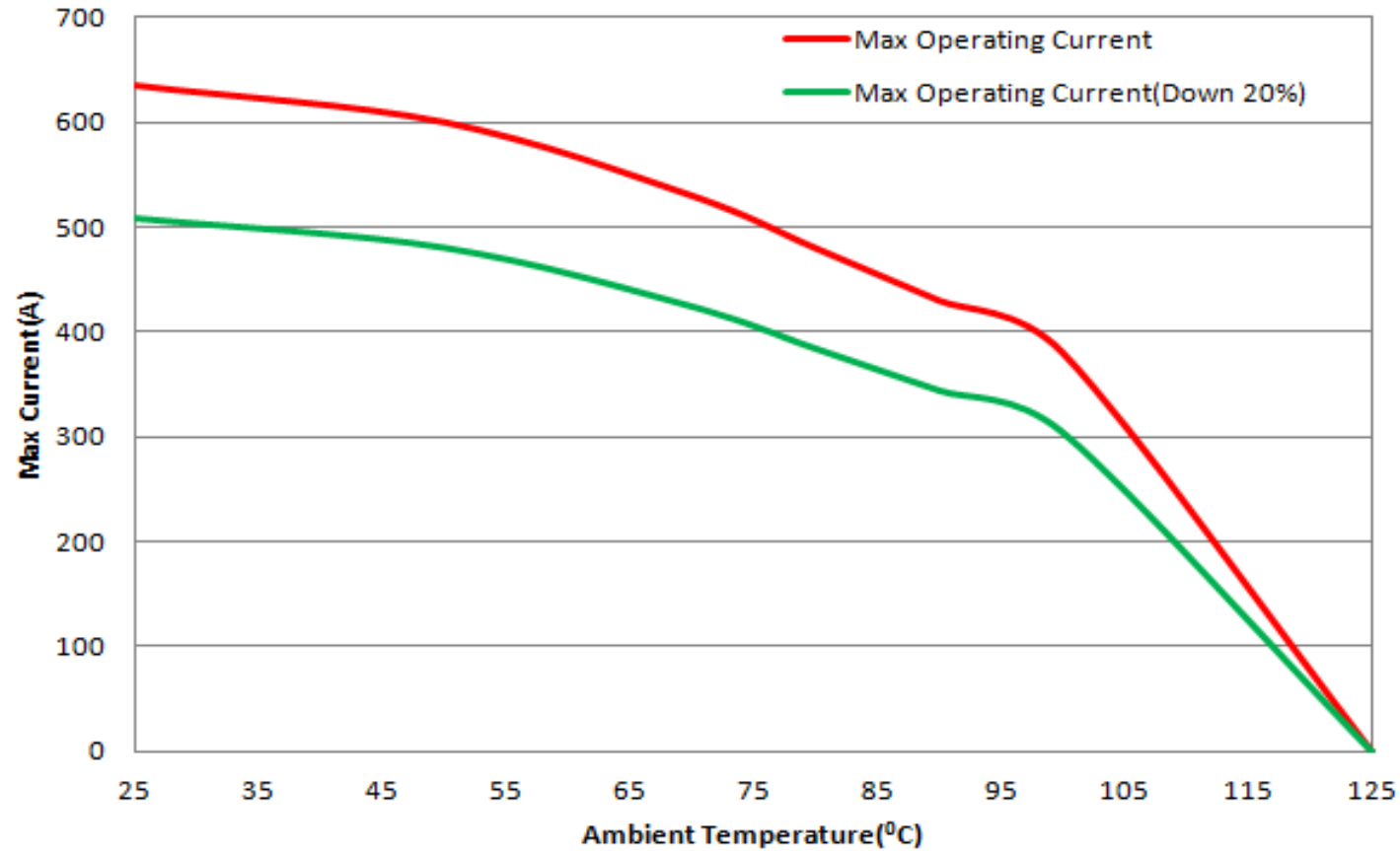
RADLOK® COLOUR CODING

BLACK COLOUR
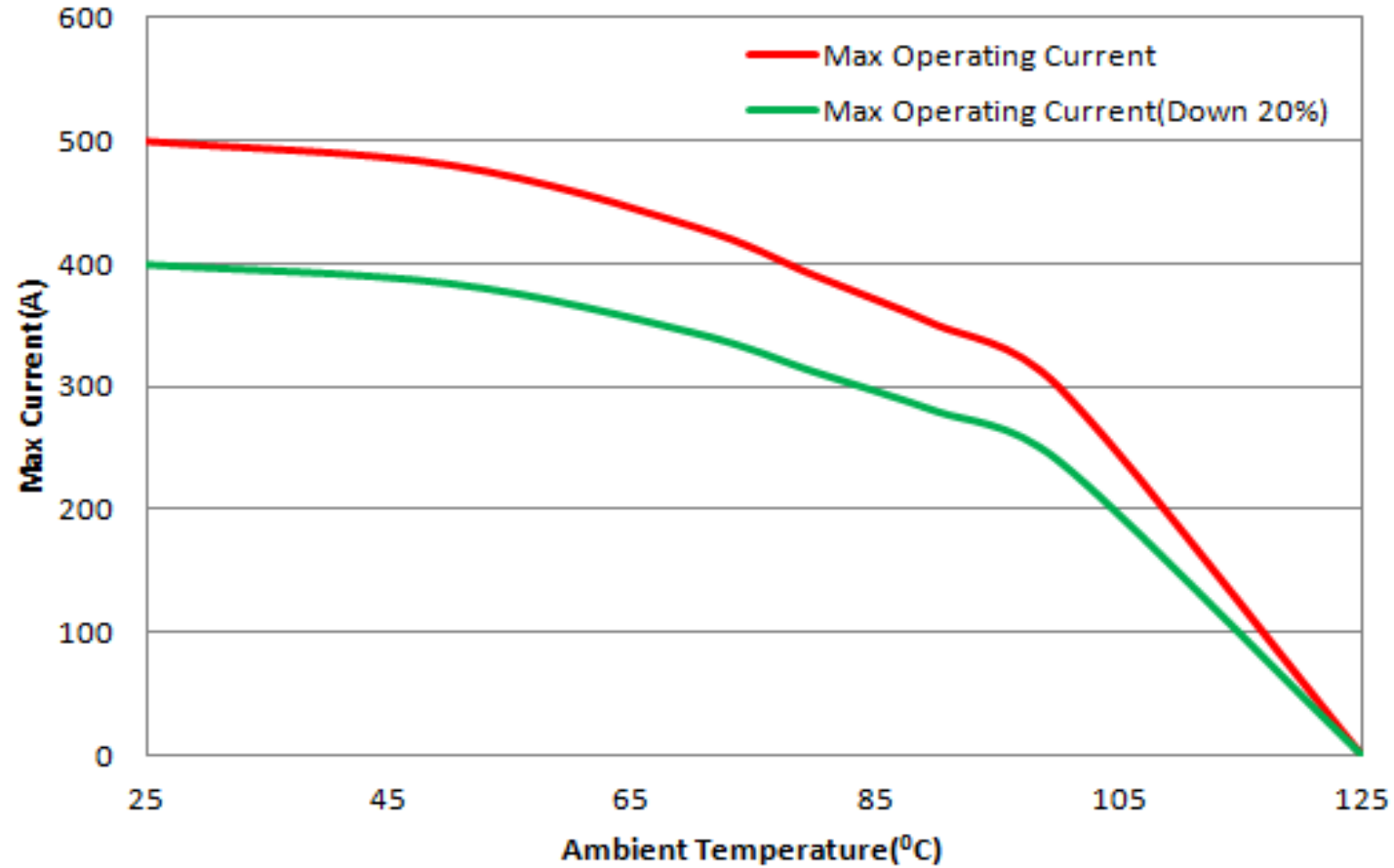
RED COLOUR

ORANGE COLOUR

RADLOK® 14MM DE-RATING

14,0MM RADLOK WITH 150MM² CABLE 1MT: RL01401-150-1000

RADLOK® 12MM DE-RATING

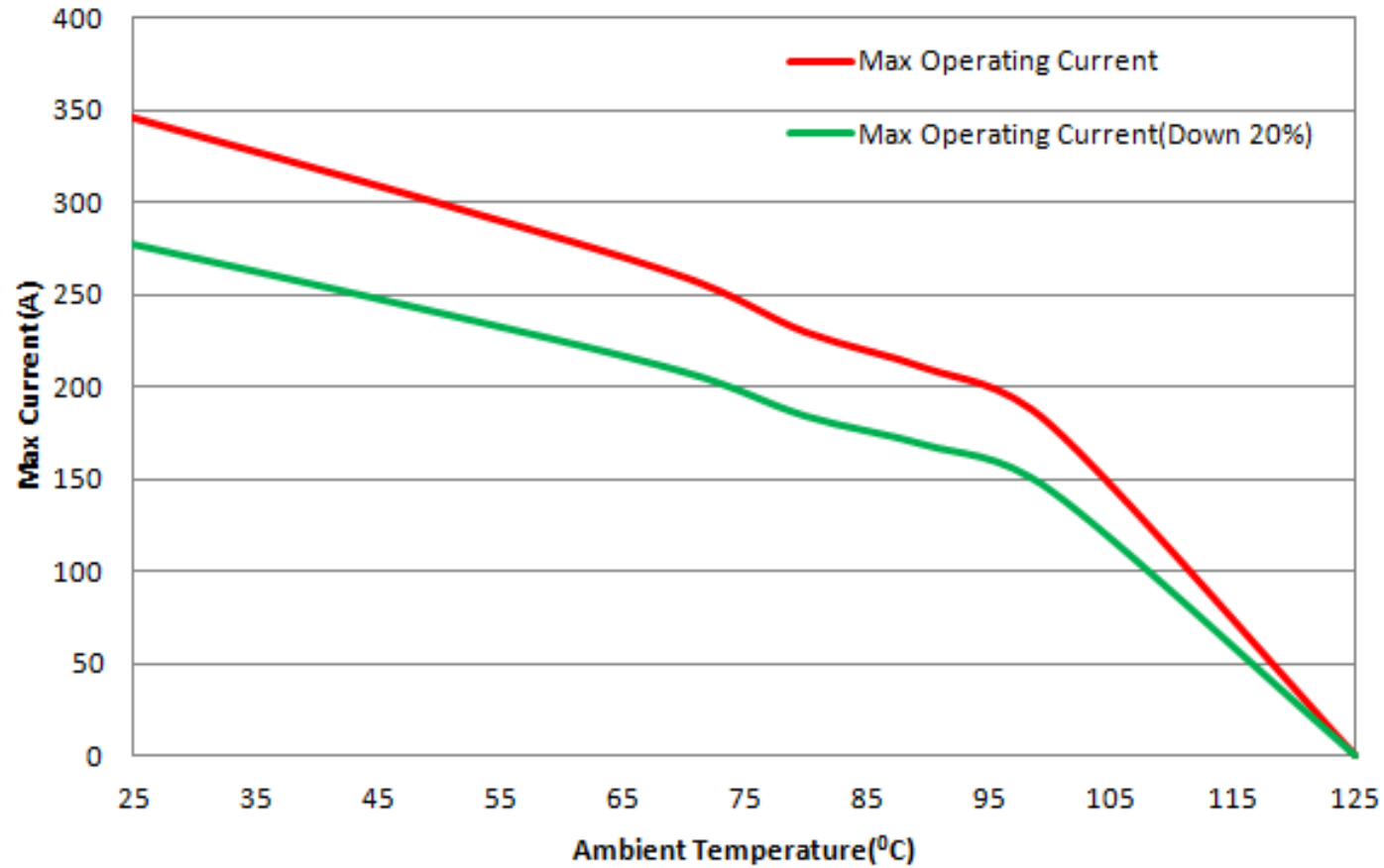12,0MM RADLOK WITH 120MM² CABLE 1MT: RL01201-120-1000

RADLOK® 10MM DE-RATING

10,0MM RADLOK WITH 95MM² CABLE 1MT: RL01001-95-1000

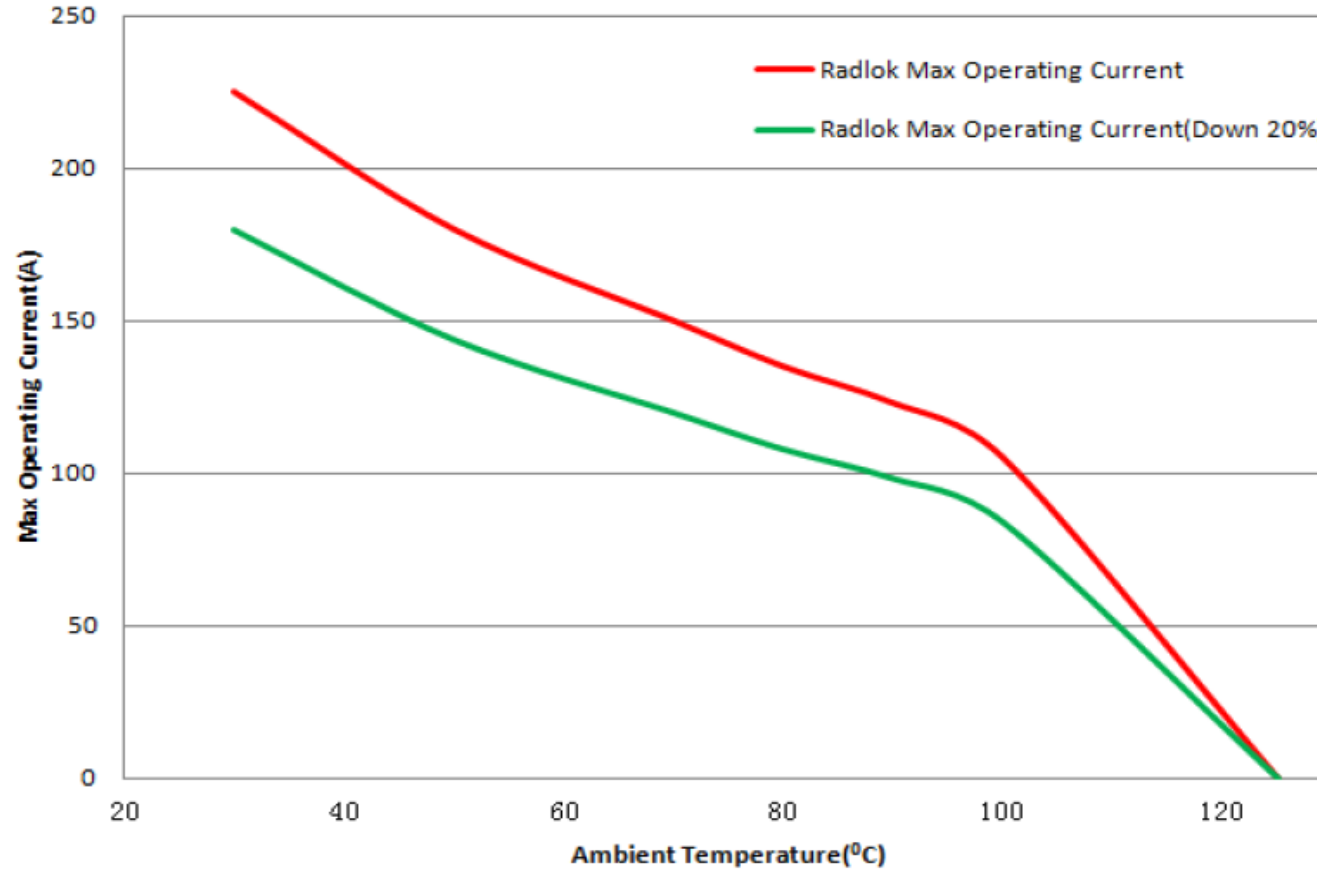# RADLOK® 8,0MM DE-RATING

8,0MM RADLOK WITH 50MM² CABLE 1MT: RL0801-50-1000

RADLOK® 5,7MM DE-RATING

5,7MM RADLOK WITH 25MM² CABLE 1MT: RL0571-25-1000

RADLOK ® ORDERING CODE - PLUG

1-PRODUCT SERIES	2-SHELL TYPE	3-SIZE	4-LUG STYLE	5-CABLE SIZE	6-COLOUR
RL	0	057	2	16	BK

1-PRODUCT SERIES

RL   RAD|LOK

2-SHELL TYPE

0   RIGHT ANGLE PLUG

3-SIZE

036   3,6MM RADSOK ® 80A AT 85C WITH 30C T-RISE/120A AT 25C ACCORDING IEC61984
057   5,7MM RADSOK ® 120A AT 85C WITH 30C T-RISE/200A AT 25C ACCORDING IEC61984
080   8MM RADSOK ® 200A AT 85C WITH 30C T-RISE/300A AT 25C ACCORDING IEC61984
100   10MM RADSOK ® 350A AT 85C WITH 30C T-RISE/450A AT 25C ACCORDING IEC61984
120   12MM RADSOK ® 400A AT 85C WITH 30C T-RISE/600A AT 25C ACCORDING IEC61984
140   14MM RADSOK ® 450A AT 85C WITH 30C T-RISE/650A AT 25C ACCORDING IEC61984
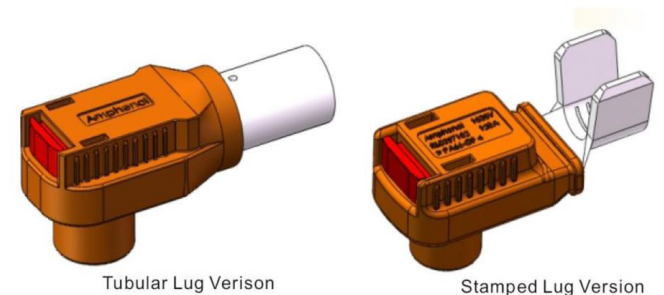
4-LUG STYLE

2   TUBULAR INDUSTRIAL LUG FOR HEX/4-IDENT CRIMP (STANDARD)
3   STAMPED LUG FOR B-CRIMP

5-CABLE SIZE

10   10MM² CABLE
16   16MM² CABLE
25   25MM² CABLE
35   35MM² CABLE
50   50MM² CABLE
70   70MM² CABLE
95   95MM² CABLE
120   120MM² CABLE
150   150MM² CABLE

6-COLOUR

BLANK   ORANGE
BK   BLACK
RE   RED

Tubular Lug Verison

Stamped Lug Version

RADLOK ® ORDERING CODE – FEED-THRU RECEPTACLE AND BUSBAR PIN

1-PRODUCT SERIES	2-SHELL TYPE	3-SIZE	4-TERMINATION	5-SHELL SELECTION	6-COLOUR
RL	9	057	201	F1	OR

1-PRODUCT SERIES

RL   RAD|LOK

2-SHELL TYPE

9   FEED-TRU PANEL RECEPTACLE OR BUSBAR PIN

3-SIZE

036   3,6MM RADSOK ® 80A AT 85C WITH 30C T-RISE/120A AT 25C ACCORDING IEC61984
057   5,7MM RADSOK ® 120A AT 85C WITH 30C T-RISE/200A AT 25C ACCORDING IEC61984
080   8MM RADSOK ® 200A AT 85C WITH 30C T-RISE/300A AT 25C ACCORDING IEC61984
100   10MM RADSOK ® 350A AT 85C WITH 30C T-RISE/450A AT 25C ACCORDING IEC61984
120   12MM RADSOK ® 400A AT 85C WITH 30C T-RISE/600A AT 25C ACCORDING IEC61984
140   14MM RADSOK ® 450A AT 85C WITH 30C T-RISE/650A AT 25C ACCORDING IEC61984

4-TERMINATION

101   THREADED BUSBAR (ONLY OPTION FOR BB PIN)
201   FLAT BUSBAR WITH HOLE
301   RADLOK PIN FOR DOUBLE QUICK CONNECTION

5-SHELL SELECTION

F1   FEED-THRU PANEL RECEPTACLE
OMIT   LOOSE BUSBAR PIN WITHOUT PLAST FLANGE HOUSING

6-COLOUR

BLANK   BLACK
OR   ORANGE
RE   RED