

POWR-GARD® Datasheet

Fuse Reducers



Description

Littelfuse fuse reducers permit a lower-rated fuse to fit in existing equipment that have clips or blocks accommodating a higher-rated fuse. This prevents over fusing and the need to change the clip or block. It also improves protection by lowering the circuit to match more closely to the current of the application. Fuse reducers are ideal for applications that require a temporary reduction of fuse current.

It should be noted that fuse reducers only allow the reducing of fuse ampere rating within a given UL Class and voltage. Fuse reducers will not allow the change from one UL Class to another. In addition, a fuse reducer will not allow the change in fuse voltage.

Per UL standards, the Class T fuses are exempt from offering fuse reducers as an option for ampere reduction. The UL Class L fuses do not require the use of fuse reducers as this Class of fuse share bolt center-to-center dimensioning across all ampere ratings making the need for reducers unnecessary.

Features & Benefits

FEATURES	BENEFITS
Permits the application of smaller fuse amperages then those for which the fuse blocks are designed	Offers fuse flexibility and may reduce fuse inventory requirements and/or costs
Silver-brazed joints	Offer maximum strength
Easy installation	Saves time and money

Certification and Compliance

UL Listed	File No. E136855 – LRU series
cULus Listed	File No. E136855 – LFRU series
CSA Certification	File No. 604107 – LRU series
RoHS	RoHS 2 Directive 2011/65/EU – LFRU Series Directive (EU) 2015/863 – LFRU Series
REACH	Regulation (EC) 1907/2006 – LFRU series
Pb Free	Yes – LFRU Series
Halogen Free	Yes – LFRU series

Web Resources

Downloadable CAD drawings, FAQs, and other technical information visit: Littelfuse.com/lruh
Littelfuse.com/lrur
Littelfuse.com/lruj

Refer to fuse section in fuse catalog for fuse dimensions.

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Recommended Fuses

Class H/K5 Fuse Reducers

250 V - NLN
600 V - NLS

Class R Fuse Reducers

250 V - FLNR/FLNR_ID/LLNRK/CLNR
600 V - FLSR/FLSR_ID/IDSR/LLSRK/LLSRK_ID/KLSR

Class J Fuse Reducers

JTD_ID/JTD
JLS

Ordering Information

250 Volt

CATALOG/ORDERING NUMBER		FUSE CLIP	FUSE CASE SIZE
CLASS H/K5	CLASS R		
LFRU263	LFRU263R	60 A	30 A
LRU213	LRU213R	100 A	30 A
LRU216	LFRU216R	100 A	60 A
LRU226	LRU226R	200 A	60 A
LRU2621	LFRU2621R	200 A	100 A
LRU2641	LRU2641R	400 A	100 A
LRU2642	LFRU2642R	400 A	200 A
LRU2661	LRU2661R	600 A	100 A
LRU2662	LRU2662R	600 A	200 A
LRU2664	LRU2664R*	600 A	400 A

*Only one reducer required.

600 Volt

CATALOG/ORDERING NUMBER			FUSE CLIP	FUSE CASE SIZE
CLASS H/K5	CLASS R	CLASS J*		
LRU663	LFRU663R	LRUJ63	60 A	30 A
LRU216	LFRU216R	LRUJ13	100 A	30 A
LRU616	LFRU616R	LRUJ16†	100 A	60 A
LRU626	LRU626R	LRUJ26	200 A	60 A
LRU2621	LFRU2621R	LRUJ21	200 A	100 A
LRU2641	LRU2641R	LRUJ41	400 A	100 A
LRU2642	LFRU2642R	LRUJ42	400 A	200 A
LRU2661	LRU2661R	—	600 A	100 A
LRU2662	LRU2662R	—	600 A	200 A
LRU2664	LRU2664R†	LRUJ64	600 A	400 A

*Class J reducers cannot be used in bolt-on applications.

†Only one reducer required.

‡Fuse and reducer combination is slightly larger in diameter than 100 A Class J fuses.

For specific applications, contact Littelfuse Technical Service at 1-800-TEC-FUSE (1-800-832-3873) or techline@littelfuse.com.

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