



## RAYCHEM SMART LIMITER CABLE PROTECTOR

### KEY FEATURES

- Increases reliability by protecting cable system from damage due to fault current
- Quick visual identification of blown limiters reduces the time needed to find faulted limiters
- Easily repeatable installation regardless of installer experience
- Sealing and mechanical protection are built in, eliminating the need for additional components
- High-temperature clear inner and outer shells help in dissipating heat

TE Connectivity's (TE) Smart Limiter cable protector assists companies in rapidly restoring their network system to its most reliable state. When the limiters operate, they can be easily identified and replaced.

Fast installation in compact spaces through the use of ShearBolt connectors. No special tools are required for installation, only 11/16" socket for installation and 1/2" for removal. Connections are repeatable to the same standard with every installation. No changing of dies for using crimping tools that require calibration.

The limiter will only blow on secondary faults and effortlessly coordinate with network protector fuses.

Minimal exposure to energized parts. Only the conductor being inserted into the limiter needs to be exposed making it very safe.

Fuse operation is entirely contained in a ballistic enclosure

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**



## ADDITIONAL FEATURES

- 100% submersible
- GelPort cable entries will quench any arc when “live” connections are made, making picking up load safer
- Hinged bolt caps allow re-entry, enabling voltage measurements to be taken
- 100% submersible copper buses (crab joints), are also available, making installation of TE's Smart Limiter system compact, convenient and reliable. Available in 3-Way, 5-Way and 7-Way configurations
- Modular design allows circuits to be added or subtracted without cutting cables
- No parts to move, slide or park when installing or removing the limiter
- TE's Smart Limiter cable protectors have tested fault duty of 25 kA per limiter
- Designed specifically for 208Y/120V systems



Blown fuse after operation

SELECTION INFORMATION: SMART LIMITER CABLE PROTECTOR		
Description	Attribute	Per Box
SL-4/0-120V-NF-FT (B1)	Non-Fused splice for 4/0 cable	1
SL-4/0-120V-F-01 (B1)	Fused limiter for 4/0 cable	1
SL-250-120V-NF-FT (B1)	Non-Fused splice for 250 kcmil cable	1
SL-250-120V-F-01 (B1)	Fused limiter for 250 kcmil cable	1
SL-350-120V-NF-FT (B1)	Non-Fused splice for 350 kcmil cable	1
SL-350-120V-F-01 (B1)	Fused limiter for 350 kcmil cable	1
SL-500-120V-NF-FT (B1)	Non-Fused splice for 500 kcmil cable	1
SL-500-120V-F-01 (B1)	Fused limiter for 500 kcmil cable	1
SL-750-120V-NF-FT (B1)	Non-Fused splice for 750 kcmil cable	1
SL-750-120V-F-01 (B1)	Fused limiter for 750 kcmil cable	1
SELECTION INFORMATION: CRAB JOINT		
Description	Attribute	Per Box
CJ-4/0-3W3W-CU-FT-B1	3 way/3 way copper crab joint with 4/0 conductors	1
CJ-4/0-5W5W-CU-FT-B1	5 way/5 way copper crab joint with 4/0 conductors	1
CJ-4/0-7W7W-CU-FT-B1	7 way/7 way copper crab joint with 4/0 conductors	1
CJ-250-3W3W-CU-FT-B1	3 way/3 way copper crab joint with 250 kcmil conductors	1
CJ-250-5W5W-CU-FT-B1	5 way/5 way copper crab joint with 250 kcmil conductors	1
CJ-250-7W7W-CU-FT-B1	7 way/7 way copper crab joint with 250 kcmil conductors	1
CJ-350-3W3W-CU-FT-B1	3 way/3 way copper crab joint with 350 kcmil conductors	1
CJ-350-5W5W-CU-FT-B1	5 way/5 way copper crab joint with 350 kcmil conductors	1
CJ-350-7W7W-CU-FT-B1	7 way/7 way copper crab joint with 350 kcmil conductors	1
CJ-500-3W3W-CU-FT-B1	3 way/3 way copper crab joint with 500 Kcmil conductors	1
CJ-500-5W5W-CU-FT-B1	5 way/5 way copper crab joint with 500 Kcmil conductors	1
CJ-500-7W7W-CU-FT-B1	7 way/7 way copper crab joint with 500 Kcmil conductors	1
CJ-750-3W3W-CU-FT-B1	3 way/3 way copper crab joint with 750 kcmil conductors	1
CJ-750-5W5W-CU-FT-B1	5 way/5 way copper crab joint with 750 kcmil conductors	1
CJ-750-7W7W-CU-FT-B1	7 way/7 way copper crab joint with 750 kcmil conductors	1



7-Way - 7-Way Crab Joint

## RELATED TEST REPORTS

EDR-5445, EDR-5446, EDR-5450, EDR-5452, 502-47332, 502-47339, 502-47348.

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