

Notice of Supply Chain Constraints on Direct Current UL 489 Circuit Breakers

19 January 2026

To Whom It May Concern,

We would like to provide an update regarding current supply chain constraints affecting production of our direct current (DC) UL 489 circuit breakers.

As many in the electrical and power distribution industry are aware, global demand for rare earth materials and permanent magnets has increased significantly. Rare earth permanent magnets, particularly neodymium-based magnets, are critical components within DC breaker operating mechanisms and magnetic trip assemblies. Over the past several quarters, tightening export controls, extended lead times, and reduced production capacity from Chinese suppliers have created sustained global shortages of these materials.

Recent regulatory changes affecting export licensing and compliance requirements for certain rare earth materials and magnet products have added additional complexity to international procurement. These measures have increased administrative lead times and further constrained the availability of qualified magnet components across multiple industries.

As a result, manufacturers across the industry, including our supply chain partners, are experiencing unprecedented material constraints and extended procurement cycles. These conditions have directly impacted availability of our DLS 9 series DC UL 489 rated circuit breakers and related assemblies. The attached page provides a list of affected part numbers.

We want to assure our customers that we are actively implementing mitigation measures, including:

- Engaging qualified secondary and diversified supplier networks where UL certification and technical equivalence can be maintained
- Increasing forward purchasing commitments to secure material allocations
- Working closely with manufacturing partners to optimize production scheduling and capacity utilization

While these mitigation efforts are ongoing, we anticipate extended lead times and intermittent availability for the direct current rated DLS 9 UL 489 breaker line over the coming months. Our team is closely monitoring supply conditions and will continue to provide transparent updates as the situation evolves.

We appreciate your understanding and value your continued partnership during this period of global supply constraint.

Sincerely,

Klaus Tum
Product Director



Affected Part Numbers

1C05DL	1D05DL	2C05DL	2D05DL
1C1DL	1D1DL	2C1DL	2D1DL
1C1.6DL	1D1.6DL	2C1.6DL	2D1.6DL
1C2DL	1D2DL	2C2DL	2D2DL
1C3DL	1D3DL	2C3DL	2D3DL
1C4DL	1D4DL	2C4DL	2D4DL
1C5DL	1D5DL	2C5DL	2D5DL
1C6DL	1D6DL	2C6DL	2D6DL
1C8DL	1D8DL	2C8DL	2D8DL
1C10DL	1D10DL	2C10DL	2D10DL
1C12DL	1D12DL	2C12DL	2D12DL
1C13DL	1D13DL	2C13DL	2D13DL
1C15DL	1D15DL	2C15DL	2D15DL
1C16DL	1D16DL	2C16DL	2D16DL
1C20DL	1D20DL	2C20DL	2D20DL
1C25DL	1D25DL	2C25DL	2D25DL
1C30DL	1D30DL	2C30DL	2D30DL
1C32DL	1D32DL	2C32DL	2D32DL
1C40DL	1D40DL	2C40DL	2D40DL
1C50DL	1D50DL	2C50DL	2D50DL
1C60DL	1D60DL	2C60DL	2D60DL
1C63DL	1D63DL	2C63DL	2D63DL