



How to Use Individual Components in a UL508A Application:

Individual components can be used in UL508A applications without being posted onto UL's 508A Combination Motor Controller database since components have their own marked short circuit rating. The UL508A Combination Motor Controller database is for discrete components that form a tested combination motor controller (reference Understanding UL508A Combination Motor Controller Data) to achieve a combination short circuit rating that is higher than the lowest rated individual component of the combination.

Components having a short circuit rating are either marked with a short circuit withstand rating (i.e. contactor, overload, motor protectors) since these devices are not intended to open a fault current or a short circuit interrupt or AIC rating (i.e. circuit breaker or fuse) since these devices are intended to open a fault current. The UL508A standard does not differentiate between these ratings and considers them to be the SCCR rating for the component.

The short circuit withstand rating for a discrete component may be used up to the component's rated short circuit withstand value when protected by the required branch circuit protective device, if specified, as indicated by a marking either on the component, on the component's carton, or installation instructions provided with the component. If the component is not marked with a short circuit withstand value, then the default short circuit values in Table SB4.1 of UL508A may be used. When using the default values, the component will need to be protected with branch circuit protection provided by either a Listed circuit breaker or fuse.

For the short circuit rating of Schneider Electric components, see our UL508A website.

Square D UL508A Website: www.us.squared.com/ul508a (select Schneider Electric product ratings (SCCR), then select Option 1)

If you do not find the component you are looking for on this database, contact your local Schneider Electric representative.



Schneider Electric
North American Operating Division
8001 Knightdale Blvd
Knightdale, NC 27545
www.us.Schneider-Electric.com