

**S280UC**  
500 VDC  
Supplemental protectors

**K** UL 1077 VDE 0660  
CSA 22.2 No. 235  
Cable and Equipment Protection



S281UC-K, 1 pole



S282UC-K, 2 pole

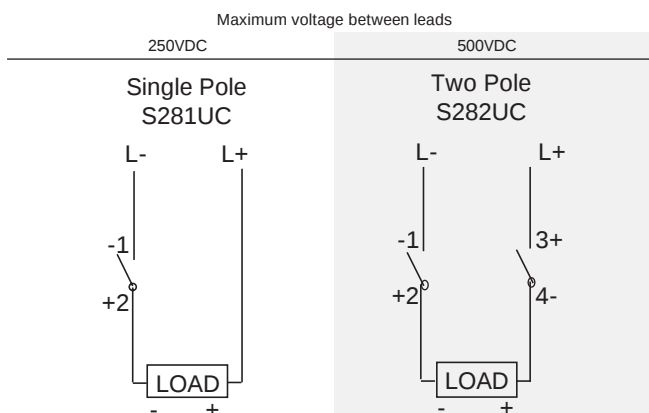
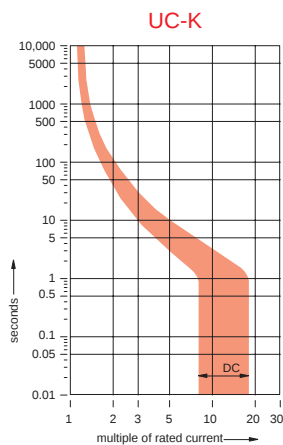


S283UC-K, 3 pole

| Rated current | Catalog number | Delivery class | Sugg. order qty | Wgt. oz. (1 pc.) | Rated current                                                                                                                                                     | Catalog number | Delivery class | Sugg. order qty | Wgt. oz. (1 pc.) |
|---------------|----------------|----------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|-----------------|------------------|
| 1 pole        |                |                |                 |                  | 3 pole                                                                                                                                                            |                |                |                 |                  |
| 0.2           | S281UC-K0.2    | B              | 10              | 4.6              | 0.2                                                                                                                                                               | S283UC-K0.2    | B              | 3               | 13.9             |
| 0.3           | S281UC-K0.3    |                |                 |                  | 0.3                                                                                                                                                               | S283UC-K0.3    |                |                 |                  |
| 0.5           | S281UC-K0.5    |                |                 |                  | 0.5                                                                                                                                                               | S283UC-K0.5    |                |                 |                  |
| 0.75          | S281UC-K0.75   |                |                 |                  | 0.75                                                                                                                                                              | S283UC-K0.75   |                |                 |                  |
| 1             | S281UC-K1      |                |                 |                  | 1                                                                                                                                                                 | S283UC-K1      |                |                 |                  |
| 1.6           | S281UC-K1.6    |                |                 |                  | 1.6                                                                                                                                                               | S283UC-K1.6    |                |                 |                  |
| 2             | S281UC-K2      |                |                 |                  | 2                                                                                                                                                                 | S283UC-K2      |                |                 |                  |
| 3             | S281UC-K3      |                |                 |                  | 3                                                                                                                                                                 | S283UC-K3      |                |                 |                  |
| 4             | S281UC-K4      |                |                 |                  | 4                                                                                                                                                                 | S283UC-K4      |                |                 |                  |
| 6             | S281UC-K6      |                |                 |                  | 6                                                                                                                                                                 | S283UC-K6      |                |                 |                  |
| 8             | S281UC-K8      |                |                 |                  | 8                                                                                                                                                                 | S283UC-K8      |                |                 |                  |
| 10            | S281UC-K10     |                |                 |                  | 10                                                                                                                                                                | S283UC-K10     |                |                 |                  |
| 16            | S281UC-K16     |                |                 |                  | 16                                                                                                                                                                | S283UC-K16     |                |                 |                  |
| 20            | S281UC-K20     |                |                 |                  | 20                                                                                                                                                                | S283UC-K20     |                |                 |                  |
| 25            | S281UC-K25     |                |                 |                  | 25                                                                                                                                                                | S283UC-K25     |                |                 |                  |
| 32            | S281UC-K32     |                |                 |                  | 32                                                                                                                                                                | S283UC-K32     |                |                 |                  |
| 40            | S281UC-K40     | 40             | S283UC-K40      |                  |                                                                                                                                                                   |                |                |                 |                  |
| 50            | S281UC-K50     | 50             | S283UC-K50      |                  |                                                                                                                                                                   |                |                |                 |                  |
| 63            | S281UC-K63     | 63             | S283UC-K63      |                  |                                                                                                                                                                   |                |                |                 |                  |
| 2 pole        |                |                |                 |                  | <div>Delivery Class</div> <div>A - Standard item, stock to 2 weeks lead time</div> <div>B - Stock to 4 weeks lead time</div> <div>C - 6 to 8 week lead time</div> |                |                |                 |                  |
| 0.2           | S282UC-K0.2    | B              | 5               | 9.2              |                                                                                                                                                                   |                |                |                 |                  |
| 0.3           | S282UC-K0.3    |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 0.5           | S282UC-K0.5    |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 0.75          | S282UC-K0.75   |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 1             | S282UC-K1      |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 1.6           | S282UC-K1.6    |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 2             | S282UC-K2      |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 3             | S282UC-K3      |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 4             | S282UC-K4      |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 6             | S282UC-K6      |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 8             | S282UC-K8      |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 10            | S282UC-K10     |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 16            | S282UC-K16     |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 20            | S282UC-K20     |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 25            | S282UC-K25     |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 32            | S282UC-K32     |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 40            | S282UC-K40     |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 50            | S282UC-K50     |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |
| 63            | S282UC-K63     |                |                 |                  |                                                                                                                                                                   |                |                |                 |                  |

## Direct current applications

The S280UC differs from standard miniature circuit breakers in that the UC versions include a permanent magnet which aids in the extinguishing of the arc during medium and high level faults. It is necessary to observe the correct polarity and current direction when connecting the UC breakers. Two examples of correct connection are shown below.



Termination points are marked on all UC type MCBs, points one (1) and four (4) are negative and points two (2) and three (3) are positive. Four pole breakers are also available for voltage reversal applications.