

MINIATURE CIRCUIT BREAKERS

SU 200 ML series of System pro M compact® DC Applications



01 SU 200 ML series MCBs in 1-pole and 2-pole version

Application

SU 200 ML MCBs can be used in the 1-pole version up to 48 V DC, and in the 2-pole version with series connection of two poles up to 96 V DC.

If voltages to earth exceeding 48 V DC occur, the 2-pole version of SU 200 ML is to be used for 1-pole disconnection. The miniature circuit breaker SU 200 ML is ABB's solution for UL 489 branch circuit protection up to 240 V AC and 96 V DC. This circuit breaker is an all-round device for AC and DC applications for universal use in North American and global markets due to its approvals acc. to the international standards UL, CSA and IEC. Moreover, SU 200 ML is fully compatible with System pro M compact® UL 489 accessories.

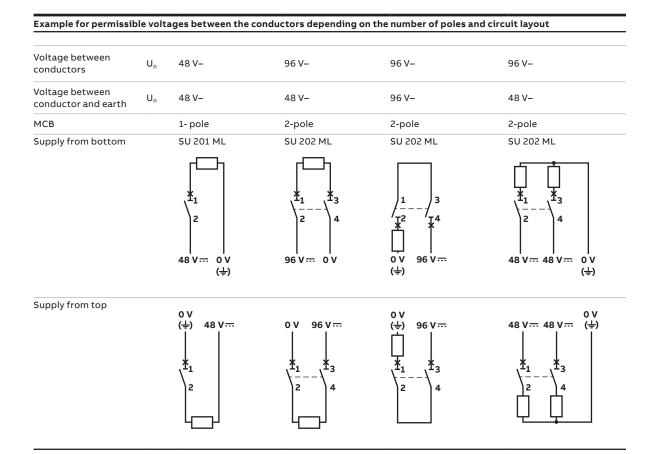
During installation

During the installation process polarity does not need to be taken into consideration, the outgoing circuit may be implemented from above or below the device.

For voltage exceeding 48 V DC up to 96 V DC series connection of two poles is required.

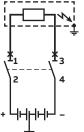
,,,,,,	
Data acc. to UL / CSA	
Rated voltage	1P, 2P, 3P, 4P: 240V AC 1P: 48VDC; 2P: 96V DC (2p in series)
Rated interrupting capacity acc. to UL 489	14 kA

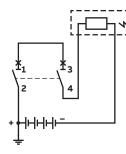
SU 201 ML, SU 202 ML, SU 203 ML, SU 204 ML in C, K or Z characteristics from 0.2 to 63 A



Examples for different voltage levels between conductor and earth in the case of identical voltage between conductors

Voltage between conductors	Un	96 V– all-pole disconnection	96 V– 1-pole disconnection
Voltage between conductor and earth	Un	48 V– circuit symmetrically earthed	96 V– circuit unsymmetrically earthed
МСВ		2-pole	2-pole
		SU 202 ML	SU 202 ML





We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document. We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB AG. Copyright© 2019 ABB All rights reserved