

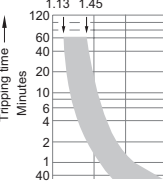


# BETA Protecting Miniature Circuit Breakers

## Product overview

### Overview

Devices	Field of application			Standards	Used in		
					Non-residential buildings	Residential buildings	Industry
	High-capacity range		For all applications from 0.3 to 125 A with switching capacity 6000, 10000 or 15000 A acc. to EN 60898. Applications for universal current and 0.3 to 63 A with switching capacity of at least 25 kA acc. to EN 60947-2.	EN 60898 EN 60947-2	✓	✓	✓
	Comfort range with plug-in terminal		For socket outlet and lighting circuits in all building installations.  The plug-in terminals offer easy front connection for manual insertion of conductors, which considerably reduces mounting times.	EN 60898	✓	✓	✓
	Compact range 1 + N in 1 MW		For socket outlet and lighting circuits in all building installations, where a switchable neutral conductor is required.  The miniature circuit breaker 1+N saves space in the distribution board.	EN 60898	✓	✓	✓
	Additional components		Auxiliary switches, fault signal contacts, shunt trips, undervoltage releases for higher plant availability, RC units for personal safety and remote controlled mechanisms for remote switching.		✓		✓
	Busbars		Busbars in 10 and 16 mm² save space in the distribution board and time during mounting.		✓	✓	✓
	Universal range according to UL and IEC		Miniature circuit breakers can be used as "branch circuit protection" and approved for the connection type "same polarity" and "opposite polarity" in the characteristics B and C acc. to UL489 from 0.3 to 63 A	UL 489	✓	✓	✓
	Main miniature circuit breakers (SHU)		Voltage-independent and selective main miniature circuit breakers (SHU) acc. to DIN VDE 0645 in the precounter sector support the downstream miniature circuit breakers with better current limitation.		✓	✓	
	Circuit breaker terminals		Circuit breaker terminals are used for short-circuit protection or for protection against overload and short-circuits in auxiliary and control circuits downstream of control transformers.				✓
	Configuration		Notes for configuration, expanded technical specifications and certifications.				