

S800 Series High Performance Circuit Breakers



S800
UL 489 Series



Description

The S800 high performance MCB offers a compact solution to circuit protection. The S800 devices are UL tested current limiting and DIN rail mounted. The S800 is available with application-specific trip characteristics to provide maximum circuit protection.

The breakers offer thermal-magnetic trip protection according to Z and K characteristics.

For the worldwide market, the breakers carry CSA, IEC, CE and many other agency approvals.

Features

- Current limiting
- Fast breaking time (2.3 – 2.5 ms)
- Wide range of accessories
- DIN rail mounting
- Finger safe terminals
- Multi-function terminals
- Ring tongue compatible
- UL489 File # E312425

S800U

Amperage	10 – 100 A
Voltage	240 VAC
Poles	1, 2, 3, 4 poles
Trip characteristics	Z, K
Interrupting ratings	50kA : UL 489
Auxiliary contacts	Yes
Bell alarm	Yes
Shunt trip	Yes
Undervoltage release	Yes
Ring tongue	Yes

S800U-K, 240 VAC

Branch circuit protection

UL 489

K



S801U-K



S802U-K



S803U-K



S804U-K

No. of poles	Rated current	Catalog number	No. of poles	Rated current	Catalog number
1	10	S801U-K10	3	10	S803U-K10
	15	S801U-K15		15	S803U-K15
	20	S801U-K20		20	S803U-K20
	25	S801U-K25		25	S803U-K25
	30	S801U-K30		30	S803U-K30
	40	S801U-K40		40	S803U-K40
	50	S801U-K50		50	S803U-K50
	60	S801U-K60		60	S803U-K60
	70	S801U-K70		70	S803U-K70
	80	S801U-K80		80	S803U-K80
	90	S801U-K90		90	S803U-K90
	100	S801U-K100		100	S803U-K100
2	10	S802U-K10	4	10	S804U-K10
	15	S802U-K15		15	S804U-K15
	20	S802U-K20		20	S804U-K20
	25	S802U-K25		25	S804U-K25
	30	S802U-K30		30	S804U-K30
	40	S802U-K40		40	S804U-K40
	50	S802U-K50		50	S804U-K50
	60	S802U-K60		60	S804U-K60
	70	S802U-K70		70	S804U-K70
	80	S802U-K80		80	S804U-K80
	90	S802U-K90		90	S804U-K90
	100	S802U-K100		100	S804U-K100

Tripping characteristic K

UL 489
240 VAC
50 kA

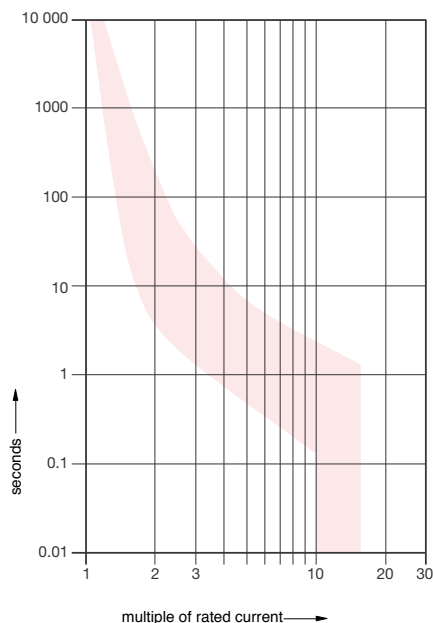
Resistive loads

- K Curve
- Designed for use in cable protection applications
- Example: control circuits, lighting

Accessories & technical data

Accessories – See page 15.52

Technical data – See page 15.76 - 15.82



S800U-Z, 240 VAC

Branch circuit protection

UL 489

S800
Miniature
circuit breakers

Z



S801U-Z



S802U-Z



S803U-Z



S804U-Z

No. of poles	Rated current	Catalog number	No. of poles	Rated current	Catalog number
1	10	S801U-Z10	3	10	S803U-Z10
	15	S801U-Z15		15	S803U-Z15
	20	S801U-Z20		20	S803U-Z20
	25	S801U-Z25		25	S803U-Z25
	30	S801U-Z30		30	S803U-Z30
	40	S801U-Z40		40	S803U-Z40
	50	S801U-Z50		50	S803U-Z50
	60	S801U-Z60		60	S803U-Z60
	70	S801U-Z70		70	S803U-Z70
	80	S801U-Z80		80	S803U-Z80
	90	S801U-Z90		90	S803U-Z90
	100	S801U-Z100		100	S803U-Z100
2	10	S802U-Z10	4	10	S804U-Z10
	15	S802U-Z15		15	S804U-Z15
	20	S802U-Z20		20	S804U-Z20
	25	S802U-Z25		25	S804U-Z25
	30	S802U-Z30		30	S804U-Z30
	40	S802U-Z40		40	S804U-Z40
	50	S802U-Z50		50	S804U-Z50
	60	S802U-Z60		60	S804U-Z60
	70	S802U-Z70		70	S804U-Z70
	80	S802U-Z80		80	S804U-Z80
	90	S802U-Z90		90	S804U-Z90
	100	S802U-Z100		100	S804U-Z100

Tripping characteristic Z

UL 489
240 VAC
50 kA

Resistive loads

- Z Curve
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- Example: control circuits, lighting

Accessories & technical data

Accessories – See page 15.52

Technical data – See page 15.76 - 15.82

