



01734E00

Miniature Circuit-Breaker Series 8562

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Power limitation class 3
- Permanently set thermal and magnetic trips
- 1- to 4-pole versions
- Rated current from 0,5 A to 32 A
- 6 kA or 10 kA breaking capacity to DIN VDE 0641 respectively, EN 60898

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Series 8562/5 miniature circuit-breakers meet all technical requirements relating to safe and selective tripping.

When short-circuits occur, they restrict the load on the installed circuits due to their excellent current limiting and related high breaking capacity and provide a high level of discrimination for lineside fuses.

Zone 1 and Zone 2

Selection Table - Standard Devices							
Version	Breaking capacity kA	No. of poles	Rated current A	Additional options	Module width mm	Ordering code	Weight kg
MCB 8562 for AC, C-Characteristic	6	1-pole	1	without	36	8562/51-1030-010	0,800
		1-pole + N	1	without	54	8562/52-5030-010	1,200
		1-pole	2	without	36	8562/51-1030-020	0,800
		1-pole + N	2	without	54	8562/52-5030-020	1,200
		2-pole	2	without	54	8562/52-2030-020	1,200
		1-pole + N	2	Auxiliary contact 1 change-over	72	8562/53-5034-020	1,500
		3-pole	2	without	72	8562/53-3030-020	1,500
		1-pole	3	without	36	8562/51-1030-030	0,800
		1-pole	4	without	36	8562/51-1030-040	0,800
		1-pole + N	4	without	54	8562/52-5030-040	1,200
		3-pole	4	without	72	8562/53-3030-040	1,500
		1-pole	6	without	36	8562/51-1030-060	0,800
		2-pole	6	without	54	8562/52-2030-060	1,200
		1-pole + N	6	without	54	8562/52-5030-060	1,200
		1-pole + N	6	Auxiliary contact 1 change-over	72	8562/53-5034-060	1,500
		3-pole	6	without	72	8562/53-3030-060	1,500
		1-pole	10	without	36	8562/51-1030-100	0,800
		2-pole	10	without	54	8562/52-2030-100	1,200
		1-pole + N	10	without	54	8562/52-5030-100	1,200
		1-pole + N	10	Auxiliary contact, fault signal, 1 change-over	72	8562/53-5035-100	1,500
		3-pole	10	without	72	8562/53-3030-100	1,500
		3-pole	10	Auxiliary contact 1 change-over	99	8562/54-3034-100	1,800
		3-pole + N	10	without	99	8562/54-4030-100	1,800
		1-pole	16	without	36	8562/51-1030-160	0,800
		1-pole + N	16	without	54	8562/52-5030-160	1,200
		2-pole	16	without	54	8562/52-2030-160	1,200
		3-pole	16	without	72	8562/53-3030-160	1,500
		3-pole + N	16	without	99	8562/54-4030-160	1,800
		1-pole	20	without	36	8562/51-1030-200	0,800
		2-pole	20	without	54	8562/52-2030-200	1,200
		3-pole	20	without	72	8562/53-3030-200	1,500
		3-pole	25	without	72	8562/53-3030-250	1,500
2-pole	32	without	54	8562/52-2030-320	1,200		
3-pole	32	without	72	8562/53-3030-320	1,500		
3-pole + N	32	without	99	8562/54-4030-320	1,800		

Miniature Circuit-Breaker Series 8562 Standard Devices

Selection Table - Standard Devices

Version	Breaking capacity kA	No. of poles	Rated current A	Additional options	Module width mm	Ordering code	Weight kg
MCB 8562 for AC, C-Characteristic	10	2-pole	10	without	54	8562/52-2040-100	1,200
		1-pole + N	16	without	54	8562/52-5040-160	1,200
		2-pole	16	without	54	8562/52-2040-160	1,200
		3-pole	32	without	72	8562/53-3040-320	1,500
		3-pole + N	32	without	99	8562/54-4040-320	1,800

Selection Table - Standard Devices

Version	Breaking capacity kA	No. of poles	Rated current A	Additional options	Module width mm	Ordering code	Weight kg
MCB 8562 for AC, B-Characteristic	6	1-pole	6	without	36	8562/51-1010-060	0,800
		1-pole + N	6	without	54	8562/52-5010-060	1,200
		1-pole	10	without	36	8562/51-1010-100	0,800
		1-pole + N	10	without	54	8562/52-5010-100	1,200
		2-pole	10	without	54	8562/52-2010-100	1,200
		1-pole + N	10	Auxiliary contact 1 change-over	72	8562/53-5014-100	1,500
		1-pole	16	without	36	8562/51-1010-160	0,800
		1-pole + N	16	without	54	8562/52-5010-160	1,200
		3-pole	16	without	72	8562/53-3010-160	1,500
		1-pole + N	20	without	54	8562/52-5010-200	1,200
		3-pole	25	without	72	8562/53-3010-250	1,500
		3-pole	32	without	72	8562/53-3010-320	1,500
		MCB 8562 for AC, B-Characteristic	10	1-pole + N	6	without	54
1-pole + N	10			without	54	8562/52-5020-100	1,200
2-pole	16			without	54	8562/52-2020-160	1,200
3-pole	16			without	72	8562/53-3020-160	1,500

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Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 1-pole, B-Characteristic

Miniature Circuit-Breaker 1-pole Selection table - Order Specific Configuration

Version		Ordering code	
B-Characteristic  <small>07614E00</small>	Module width	Width 36 mm	Width 54 mm
		8562/51-1...-...	8562/52-1...-...

Add. to ordering code

	Version / Breaking capacity	Version	Breaking capacity		
		AC	6 kA	8562/...-01-...	8562/...-01-...
	AC	10 kA	8562/...-02-...	8562/...-02-...	
	AC / DC	6 kA	8562/...-15-...	--	
	UL	10 kA	8562/...-18-...	8562/...-18-...	
Auxiliary contact	without		8562/...-0-...	--	
	1 CO		--	8562/...-4-...	
	Fault signal 1 CO		--	8562/...-5-...	
Rated current in A	6		8562/...-...-060	8562/...-...-060	
	10		8562/...-...-100	8562/...-...-100	
	13		8562/...-...-130	8562/...-...-130	
	16		8562/...-...-160	8562/...-...-160	
	20		8562/...-...-200	8562/...-...-200	
	25		8562/...-...-250	8562/...-...-250	
	32		8562/...-...-320	8562/...-...-320	

Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 1-pole, C-Characteristic

Miniature Circuit-Breaker 1-pole Selection table - Order Specific Configuration

Version		Ordering Code	
C-Characteristic	Module width	Width 36 mm	Width 54 mm
		8562/51-1...-...	8562/52-1...-...

07614E00

Add. to ordering code

Version / Breaking capacity	Version	Breaking capacity		
	AC	6 kA	8562/...-03-...	8562/...-03-...
	AC	10 kA	8562/...-04-...	8562/...-04-...
	AC / DC	6 kA	8562/...-15-...	--
	UL	10 kA	8562/...-19-...	8562/...-19-...
	UL 130 %	10 kA	8562/...-39-...	8562/...-39-...
Auxiliary contact	without		8562/...-0-...	--
	1 CO		--	8562/...-4-...
	Fault signal 1 CO		--	8562/...-5-...
Rated current in A	0,5		8562/...-005	8562/...-005
	1		8562/...-010	8562/...-010
	2		8562/...-020	8562/...-020
	3		8562/...-030	8562/...-030
	4		8562/...-040	8562/...-040
	5		8562/...-050	8562/...-050
	6		8562/...-060	8562/...-060
	10		8562/...-100	8562/...-100
	13		8562/...-130	8562/...-130
	16		8562/...-160	8562/...-160
	20		8562/...-200	8562/...-200
	25		8562/...-250	8562/...-250
	32		8562/...-320	8562/...-320

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Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 1-pole, D-Characteristic

Miniature Circuit-Breaker 1-pole Selection table - Order Specific Configuration

Version		Ordering code	
D-Characteristic	Module width	Width 36 mm	Width 54 mm
		8562/..-1...-...	8562/52-1...-...


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Version / Breaking capacity	Version	Breaking capacity		
	AC	6 kA	8562/..-.21.-...	8562/..-.21.-...
AC	10 kA	8562/..-.22.-...	8562/..-.22.-...	
UL	10 kA	8562/..-.23.-...	8562/..-.23.-...	
Auxiliary contact	without	8562/..-...0-...	--	
	1CO	--	8562/..-...4-...	
	Fault signal 1 CO	--	8562/..-...5-...	
Rated current in A	0,5	8562/..-...-005	8562/..-...-005	
	1	8562/..-...-010	8562/..-...-010	
	2	8562/..-...-020	8562/..-...-020	
	3	8562/..-...-030	8562/..-...-030	
	4	8562/..-...-040	8562/..-...-040	
	5	8562/..-...-050	8562/..-...-050	
	6	8562/..-...-060	8562/..-...-060	
	10	8562/..-...-100	8562/..-...-100	
	13	8562/..-...-130	8562/..-...-130	
	16	8562/..-...-160	8562/..-...-160	
	20	8562/..-...-200	8562/..-...-200	
	25	8562/..-...-250	8562/..-...-250	
	32	8562/..-...-320	8562/..-...-320	



Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 1-pole + n, B-Characteristic

Miniature Circuit-Breaker 1-pole + n Selection table - Order Specific Configuration

Version		Ordering Code	
B-Characteristic	Module width	Width 54 mm	Width 72 mm
		8562/52-5...-...	8562/53-5...-...

07613E00

Add. to ordering code

Version / Breaking capacity	Version	Breaking capacity		
	AC	6 kA	8562/...-01-...	8562/...-01-...
AC	10 kA	8562/...-02-...	8562/...-02-...	
UL	10 kA	8562/...-18-...	8562/...-18-...	
Auxiliary contact	without	8562/...-0-..	--	
	1 CO	--	8562/...-4-..	
	Fault signal 1 CO	--	8562/...-5-..	
Rated current in A	6	8562/...-060	8562/...-060	
	10	8562/...-100	8562/...-100	
	13	8562/...-130	8562/...-130	
	16	8562/...-160	8562/...-160	
	20	8562/...-200	8562/...-200	
	25	8562/...-250	8562/...-250	
	32	8562/...-320	8562/...-320	

Miniature Circuit-Breaker Series 8562

Order Specific Configuration, 1-pole + n, C-Characteristic

Miniature Circuit-Breaker 1-pole + n Selection table - Order Specific Configuration

Version		Ordering code	
C-Characteristic  <small>07613E00</small>	Module width	Width 54 mm	Width 72 mm
		8562/52-5...-...	8562/53-5...-...


Add. to ordering code

	Version / Breaking capacity	Version	Breaking capacity		
		AC	6 kA	8562/...-03-...	8562/...-03-...
	AC	10 kA	8562/...-04-...	8562/...-04-...	
	UL	10 kA	8562/...-19-...	8562/...-19-...	
	UL 135 %	10 kA	8562/...-39-...	8562/...-39-...	
	Auxiliary contact	without	8562/...-0-..	--	
		1 CO	--	8562/...-4-..	
		Fault signal 1 CO	--	8562/...-5-..	
	Rated current in A	0,5	8562/...-005	8562/...-005	
		1	8562/...-010	8562/...-010	
		2	8562/...-020	8562/...-020	
		3	8562/...-030	8562/...-030	
		4	8562/...-040	8562/...-040	
		5	8562/...-050	8562/...-050	
		6	8562/...-060	8562/...-060	
		10	8562/...-100	8562/...-100	
		13	8562/...-130	8562/...-130	
		16	8562/...-160	8562/...-160	
		20	8562/...-200	8562/...-200	
		25	8562/...-250	8562/...-250	
		32	8562/...-320	8562/...-320	



Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 1-pole + n, D-Characteristic

Miniature Circuit-Breaker 1-pole + n Selection table - Order Specific Configuration

Version		Ordering code
D-Characteristic	Module width	Width 72 mm
		8562/53-5...-...

07613E00

Add. to ordering code

	Version / Breaking capacity	Version	Breaking capacity	
			AC	6 kA
		AC	10 kA	8562/...-22-...
		UL	10 kA	8562/...-23-...
	Auxiliary contact	without		--
		1 CO		8562/...-4-...
		Fault signal 1 CO		8562/...-5-...
	Rated current in A	0,5		8562/...-005
		1		8562/...-010
		2		8562/...-020
		3		8562/...-030
		4		8562/...-040
		5		8562/...-050
		6		8562/...-060
		10		8562/...-100
		13		8562/...-130
		16		8562/...-160
		20		8562/...-200
		25		8562/...-250
	32		8562/...-320	

Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 2-pole, B-Characteristic

Miniature Circuit-Breaker 2-pole Selection table - Order Specific Configuration

Version		Ordering code	
B-Characteristic  <small>07612E00</small>	Module width	Width 54 mm	Width 72 mm
		8562/52-2...-...	8562/53-2...-...


Add. to ordering code

	Version / Breaking capacity	Version	Breaking capacity		
		AC	6 kA	8562/...-01.-...	8562/...-01.-...
	AC	10 kA	8562/...-02.-...	8562/...-02.-...	
	AC / DC	6 kA	8562/...-16.-...	--	
	UL	10 kA	8562/...-18.-...	8562/...-18.-...	
	Auxiliary contact	without	8562/...-0-...	--	
		1 CO	--	8562/...-4-...	
		Fault signal 1 CO	--	8562/...-5-...	
		order spec.	--	8562/...-9-...	
	Rated current in A	6	8562/...-...-060	8562/...-...-060	
		10	8562/...-...-100	8562/...-...-100	
		13	8562/...-...-130	8562/...-...-130	
		16	8562/...-...-160	8562/...-...-160	
		20	8562/...-...-200	8562/...-...-200	
		25	8562/...-...-250	8562/...-...-250	
		32	8562/...-...-320	8562/...-...-320	



Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 2-pole, C-Characteristic

Miniature Circuit-Breaker 2-pole Selection table - Order Specific Configuration

Version		Ordering Code	
C-Characteristic	Module Width	Width 54 mm	Width 72 mm
		8562/52-2...-...	8562/53-2...-...

07612E00

Add. to ordering code

Version / Breaking capacity	Version	Breaking capacity		
	AC	6 kA	8562/...-03-...	8562/...-03-...
	AC	10 kA	8562/...-04-...	8562/...-04-...
	AC / DC	6 kA	8562/...-16-...	--
	UL	10 kA	8562/...-19-...	8562/...-19-...
	UL 135 %	10 kA	8562/...-39-...	8562/...-39-...
Auxiliary contact	without		8562/...-0-...	--
	1 CO		--	8562/...-4-...
	Fault signal 1 CO		--	8562/...-5-...
	order spec.		--	8562/...-9-...
Rated current in A	0,5		8562/...-005	8562/...-005
	1		8562/...-010	8562/...-010
	2		8562/...-020	8562/...-020
	3		8562/...-030	8562/...-030
	4		8562/...-040	8562/...-040
	5		8562/...-050	8562/...-050
	6		8562/...-060	8562/...-060
	10		8562/...-100	8562/...-100
	13		8562/...-130	8562/...-130
	16		8562/...-160	8562/...-160
	20		8562/...-200	8562/...-200
	25		8562/...-250	8562/...-250
	32		8562/...-320	8562/...-320

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Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 2-pole, D-Characteristic

Miniature Circuit-Breaker 2-pole Selection table - Order Specific Configuration

Version		Ordering Code	
D-Characteristic	Module Width	Width 54 mm	Width 72 mm
		8562/52-2...-...	8562/53-2...-...

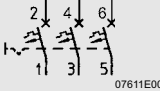
Add. to ordering code

Version / Breaking capacity	Version	Breaking capacity		
	AC	6 kA	8562/...-21-...	8562/...-21-...
AC	10 kA	8562/...-22-...	8562/...-22-...	
UL	10 kA	8562/...-23-...	8562/...-23-...	
Auxiliary contact	without		8562/...-0-...	--
	1 CO		--	8562/...-4-...
	Fault signal 1 CO		--	8562/...-5-...
	order spec.		--	8562/...-9-...
Rated current in A	0,5		8562/...-005	8562/...-005
	1		8562/...-010	8562/...-010
	2		8562/...-020	8562/...-020
	3		8562/...-030	8562/...-030
	4		8562/...-040	8562/...-040
	5		8562/...-050	8562/...-050
	6		8562/...-060	8562/...-060
	10		8562/...-100	8562/...-100
	13		8562/...-130	8562/...-130
	16		8562/...-160	8562/...-160
	20		8562/...-200	8562/...-200
	25		8562/...-250	8562/...-250
	32		8562/...-320	8562/...-320



Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 3-pole, B-Characteristic

Miniature Circuit-Breaker 3-pole Selection table - Order Specific Configuration

Version		Ordering code	
B-Characteristic	Module width	Width 72mm	Width 99mm
		8562/53-3...-...	8562/54-3...-...

Add. to ordering code

Version / Breaking capacity	Version	Breaking capacity		
	AC	6 kA	8562/..-.01-...	8562/..-.01-...
AC	10 kA	8562/..-.02-...	8562/..-.02-...	
UL	10 kA	8562/..-.18-...	8562/..-.18-...	
Auxiliary contact	without		8562/..-.0-...	--
	1 CO		--	8562/..-.4-...
	Fault signal 1 CO		--	8562/..-.5-...
	2 CO - 1 CO normal and Fault signal 1 CO		--	8562/..-.6-...
Rated current in A	6		8562/..-...-060	8562/..-...-060
	10		8562/..-...-100	8562/..-...-100
	13		8562/..-...-130	8562/..-...-130
	16		8562/..-...-160	8562/..-...-160
	20		8562/..-...-200	8562/..-...-200
	25		8562/..-...-250	8562/..-...-250
	32		8562/..-...-320	8562/..-...-320

Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 3-pole, C-Characteristic

Miniature Circuit-Breaker 3-pole Selection table - Order Specific Configuration

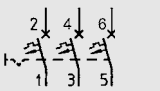
Version		Ordering code	
C-Characteristic 	Module width	Width 72mm	Width 99mm
		8562/53-3...-...	8562/54-3...-...

Add. to ordering code

Version / Breaking capacity	Version	Breaking capacity		
		AC	6 kA	8562/...-03-...
AC		10 kA	8562/...-04-...	8562/...-04-...
UL		10 kA	8562/...-19-...	8562/...-19-...
UL 135 %		10 kA	8562/...-39-...	8562/...-39-...
Auxiliary contact	without		8562/...-0-...	--
	1 CO		--	8562/...-4-...
	Fault signal 1 CO		--	8562/...-5-...
	2 CO - 1 CO normal and fault signal 1 CO		--	8562/...-6-...
Rated current in A	0,5		8562/...-005	8562/...-005
	1		8562/...-010	8562/...-010
	2		8562/...-020	8562/...-020
	3		8562/...-030	8562/...-030
	4		8562/...-040	8562/...-040
	5		8562/...-050	8562/...-050
	6		8562/...-060	8562/...-060
	10		8562/...-100	8562/...-100
	13		8562/...-130	8562/...-130
	16		8562/...-160	8562/...-160
	20		8562/...-200	8562/...-200
	25		8562/...-250	8562/...-250
	32		8562/...-320	8562/...-320

Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 3-pole, D-Characteristic

Miniature Circuit-Breaker 3-pole Selection table - Order Specific Configuration

Version		Ordering code	
D-Characteristic	Module width	Width 72mm	Width 99mm
		8562/53-3...-...	8562/54-3...-...

Add. to ordering code

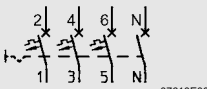
	Version / Breaking capacity	Version	Breaking capacity		
		AC	6 kA	8562/...-21-...	8562/...-21-...
		AC	10 kA	8562/...-22-...	8562/...-22-...
		UL	10 kA	8562/...-23-...	8562/...-23-...
	Auxiliary contact	without		8562/...-0-...	--
		1 CO		--	8562/...-4-...
		Fault signal 1 CO		--	8562/...-5-...
		2 CO - 1 CO normal and fault signal 1 CO		--	8562/...-6-...
	Rated current in A	0,5		8562/...-005	8562/...-005
		1		8562/...-010	8562/...-010
		2		8562/...-020	8562/...-020
		3		8562/...-030	8562/...-030
		4		8562/...-040	8562/...-040
		5		8562/...-050	8562/...-050
		6		8562/...-060	8562/...-060
		10		8562/...-100	8562/...-100
		13		8562/...-130	8562/...-130
		16		8562/...-160	8562/...-160
		20		8562/...-200	8562/...-200
		25		8562/...-250	8562/...-250
		32		8562/...-320	8562/...-320

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Miniature Circuit-Breaker Series 8562

Order Specific Configuration, 3-pole + n, B-Characteristic

Miniature Circuit-Breaker 3-pole + n Selection table - Order Specific Configuration

Version		Ordering code
B-Characteristic  07610E00	Module width	
		Width 99mm 8562/54-4...-...

Add. to ordering code

	Version / Breaking capacity	Version	Breaking capacity	
		AC	10 kA	8562/...02-...
		UL	10 kA	8562/...18-...
	Auxiliary contact	without		8562/...0-...
		1 CO		8562/...4-...
		Fault signal 1 CO		8562/...5-...
		2 CO - 1 CO normal and Fault signal 1 CO		8562/...6-...
	Rated current in A	6		8562/...-060
		10		8562/...-100
		13		8562/...-130
		16		8562/...-160
		20		8562/...-200
		25		8562/...-250
			32	8562/...-320



Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 3-pole + n, C-Characteristic

Miniature Circuit-Breaker 3-pole + n Selection table - Order Specific Configuration

Version		Ordering code
C-Characteristic	Module width	Width 99mm
		8562/54-4...-...

Add. to ordering code

Version / Breaking capacity	Version	Breaking capacity	
		AC	6 kA
	AC	10 kA	8562/...-14-...
	UL	10 kA	8562/...-19-...
	UL 135 %	10 kA	8562/...-39-...
Auxiliary contact	without		8562/...-0-...
	1 CO		8562/...-4-...
	Fault signal 1 CO		8562/...-5-...
	2 CO - 1 CO normal and Fault signal 1 CO		8562/...-6-...
Rated current in A	0,5		8562/...-005
	1		8562/...-010
	2		8562/...-020
	3		8562/...-030
	4		8562/...-040
	5		8562/...-050
	6		8562/...-060
	10		8562/...-100
	13		8562/...-130
	16		8562/...-160
	20		8562/...-200
	25		8562/...-250
	32		8562/...-320

Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 3-pole + n, D-Characteristic

Miniature Circuit-Breaker 3-pole + n Selection table - Order Specific Configuration

Version		Ordering code
D-Characteristic 	Module width	Width 99mm
		8562/54-4...-...

Add. to ordering code

	Version / Breaking capacity	Version	Breaking capacity	
			AC	6 kA
AC			10 kA	8562/...-22-...
UL			10 kA	8562/...-23-...
Auxiliary contact		without		8562/...-0-...
		1 CO		8562/...-4-...
		Fault signal 1 CO		8562/...-5-...
		2 CO - 1 CO normal and Fault signal 1 CO		8562/...-6-...
Rated current in A		0,5		8562/...-005
		1		8562/...-010
		2		8562/...-020
		3		8562/...-030
		4		8562/...-040
		5		8562/...-050
		6		8562/...-060
		10		8562/...-100
		13		8562/...-130
		16		8562/...-160
		20		8562/...-200
		25		8562/...-250
		32		8562/...-320



Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 4-pole, B-Characteristic

Miniature Circuit-Breaker 4-pole Selection table - Order Specific Configuration

Version		Ordering code
B-Characteristic	Module width	Width 99mm
		8562/54-6...-...

Add. to ordering code

	Version / Breaking capacity	Version	Breaking capacity	
		AC	6 kA	8562/...-01-...
	AC	10 kA	8562/...-02-...	
	UL	10 kA	8562/...-18-...	
Auxiliary contact	without			8562/...-0-...
	1 CO			8562/...-4-...
	Fault signal 1 CO			8562/...-5-...
	2 CO - 1 CO normal and fault signal 1 CO			8562/...-6-...
Rated current in A	6			8562/...-...-060
	10			8562/...-...-100
	13			8562/...-...-130
	16			8562/...-...-160
	20			8562/...-...-200
	25			8562/...-...-250
	32			8562/...-...-320

Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 4-pole, C-Characteristic

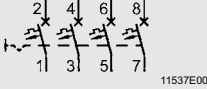
Miniature Circuit-Breaker 4-pole Selection table - Order Specific Configuration

Version		Ordering code
C-Characteristic  <small>11537E00</small>	Module width	Width 99mm
		8562/54-6...-...

Add. to ordering width

	Version / Breaking capacity	Version	Breaking capacity	
			AC	6 kA
AC			10 kA	8562/...-04-...
UL			10 kA	8562/...-19-...
UL 135 %			10 kA	8562/...-39-...
	Auxiliary contact	without		8562/...-0-...
		1 CO		8562/...-4-...
		Fault signal 1 CO		8562/...-5-...
		2 CO - 1 CO normal and fault signal 1 CO		8562/...-6-...
	Rated current in A	0,5		8562/...-005
		1		8562/...-010
		2		8562/...-020
		3		8562/...-030
		4		8562/...-040
		5		8562/...-050
		6		8562/...-060
		10		8562/...-100
		13		8562/...-130
		16		8562/...-160
		20		8562/...-200
		25		8562/...-250
		32		8562/...-320

Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 4-pole, D-Characteristic

Miniature Circuit-Breaker 4-pole Selection table - Order Specific Configuration				
Version		Ordering code		
D-Characteristic  11537E00	Module width		Width 99mm	
			8562/54-6...-...	
Add. to ordering code				
	Version / Breaking capacity	Version	Breaking capacity	
		AC	6 kA	8562/...-21.-...
		AC	10 kA	8562/...-22.-...
	Auxiliary contact	UL	10 kA	8562/...-23.-...
		without		8562/...-0-...
		1 CO		8562/...-4-...
		Fault signal 1 CO		8562/...-5-...
	Rated current in A	2 CO - 1 CO normal and fault signal 1CO		8562/...-6-...
		0,5		8562/...-005
		1		8562/...-010
		2		8562/...-020
		3		8562/...-030
		4		8562/...-040
		5		8562/...-050
		6		8562/...-060
		10		8562/...-100
		13		8562/...-130
		16		8562/...-160
		20		8562/...-200
		25		8562/...-250
32		8562/...-320		

Miniature Circuit-Breaker Series 8562

Order Specific Configuration, 4-pole, D-Characteristic

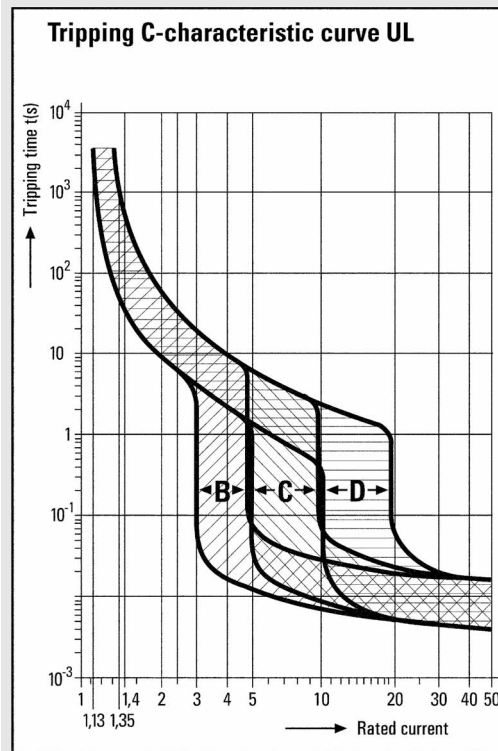
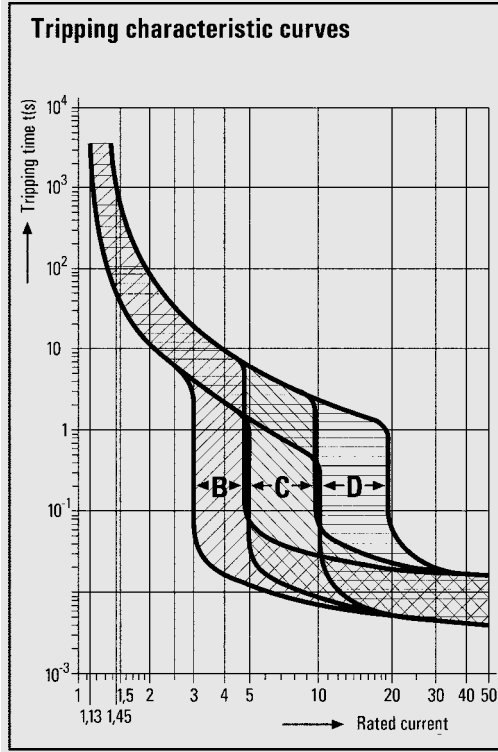
Technical Data		
Version	AC MCBs	AC / DC MCBs
Rated working current	Tripping characteristic B 6 A ... 40 A Tripping characteristic C/D 0,5 A ... 40 A	Tripping characteristic B 6 A ... 40 A Tripping characteristic C/D 0,5 A ... 40 A
Explosion protection	⊕ II 2 G EEx de IIC ⊕ I M 2 EEx de I	⊕ II 2 G EEx de IIC ⊕ I M 2 EEx de I
Certificates	PTB 02 ATEX 1049 U	PTB 02 ATEX 1049 U
Other certificates	IECEX	IECEX
No. of poles	1-pole, 1-pole + N, 2-pole, 3-pole, 3-pole + N, 4-pole	1-pole, 2-pole
Rated operating frequency	50 Hz ... 60 Hz	50 Hz ... 60 Hz; DC
Rated isolation voltage	500 V	500 V
Rated working voltage	1-pole: 230/400 V, AC; 48 V DC 2-pole: 120 V DC 2-/ 3-/ 4-pole: 400 V, AC DC and AC MCBs on request	1-pole: 230/400 V, AC; 48 V DC 2-pole: 120 V DC 2-/ 3-/ 4-pole: 400 V, AC DC and AC MCBs on request
Minimal Voltage U_{bmin}	12 V AC/DC	12 V AC/DC
Maximal Voltage U_{Bmax}	AC 250 V / 440 V DC 53 V / 120 V	AC 250 V / 440 V DC 250 V / 440 V
Life		
mechanical	10 ⁵ switching cycles	10 ⁵ switching cycles
electrical	10 ⁵ switching cycles	10 ⁵ switching cycles
Isolation function	yes	yes
Pulse resistance	6 kV	6 kV
Service category EN 60947-2	A	A



Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 4-pole, D-Characteristic

Technical Data

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Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 4-pole, D-Characteristic

Technical Data								
Selectivity class EN 60898	3							
Response value of short-circuit trip	The response value of the short-circuit trip is approximately 40 % higher for DC than for AC at 50 / 60 Hz							
Rated switching capacities	Poles	Series with 6 kA	Series with 6 kA		Series with 10 kA			
				Voltage (V)	Current (kA)		Voltage (V)	Current (kA)
	AC to EN 60898	1 - 4	I_{cn} / I_{cs}	230 / 240	6	I_{cn}	230 / 240	10
	AC to EN 60947-2	1	I_{cu}	240	10	I_{cu}	240	15
				127	30		127	40
				240	20		240	30
		1+N, 2	I_{cu}	415	10	415	15	
				240	20	240	30	
	3, 4	I_{cu}	415	10	415	15		
			240	20	240	30		
DC to EN 60947-2 (Time constante 15 ms)	1	I_{cu} / I_{cs}	60	20	I_{cu} / I_{cs}	60	25	
	2		125	25		125	30	
Breaking capacity	6 kA resp. 10 kA (25 kA to IEC)							
Version	Circuit breaker, current limiting with thermal and magnetic release							
Characteristics	Characteristic to EN 50898	B		C		D		
	Rated current range	6 A ... 32 A		0,5 A ... 32 A		0,5 A ... 32 A		
	Loads	> Elektric heatings > Lighting > Socket outlet circuits > Control circuits e.t.c.		> Operating equipment > Light fitting groups > Motors > Transformers e.t.c.		> Operating equipment > Motors with heavy starting characteristic e.t.c.		
	Normal temperature	30 °C		30 °C		30 °C		
	Thermal overload trip	1,13 ... 1,45 I_n		1,13 ... 1,45 I_n		1,13 ... 1,45 I_n		
	Thermal overload trip 135% UL	--		1,13 ... 1,35 I_n		--		
	Magnetic trip	3 ... 5 I_n		3 ... 10 I_n		3 ... 20 I_n		



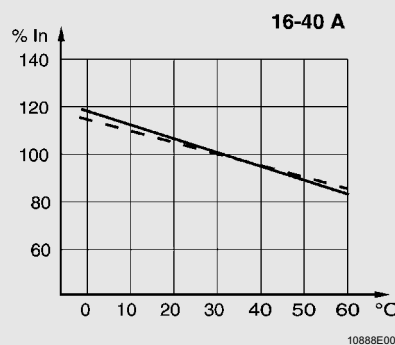
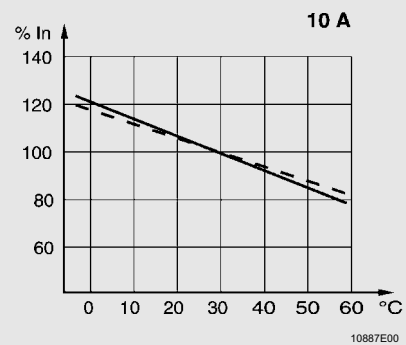
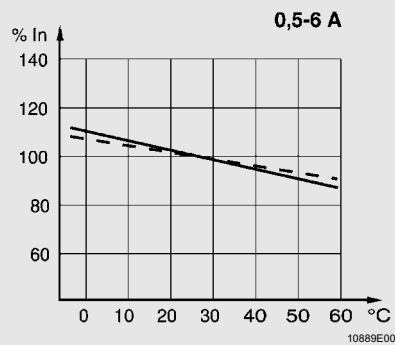
Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 4-pole, D-Characteristic

Technical Data

Back-up protection	Following MCBs				
	Type	MCB tripping characteristic	C, D	B	B, C, D
			Preceding fuse type gG		
		Rated current I_{th} (A)	Minimal rated current (A)		Maximal rated current (A)
8562/5	1	4	--	--	--
	2	8			63
	3	10			
	6	20	10		80
	10	25	16		
	16	40	20		
	20	50	32		100
	25	63	40		
	32	80	50		
	40	100	50		125

Correction factors

Correction factors for ambient temperatures other than 30 °C



Ambient temperature

Type 8562/51, Type 8562/52 - 55 °C ... + 40 °C
 Type 8562/53, Type 8562/54 - 20 °C ... + 40 °C
 In case of different temperature range - 20 °C ... + 60 °C
 please consider correction factor!

Terminals

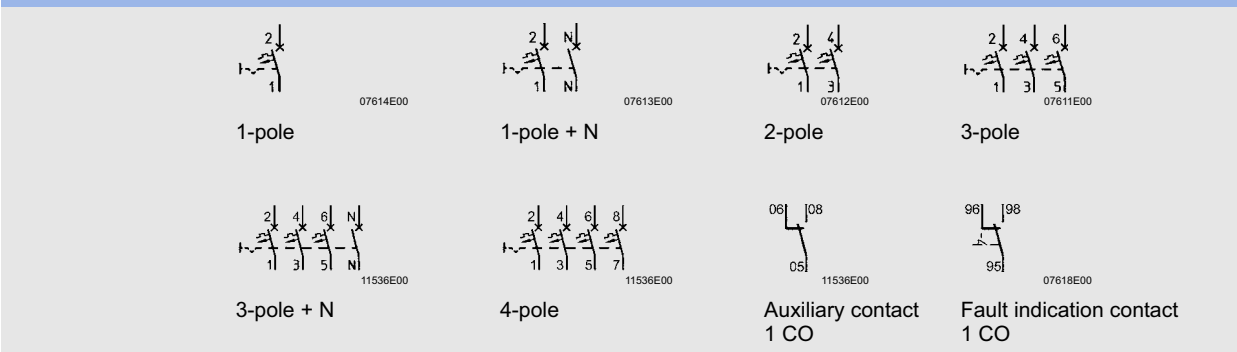
Main contacts 1,5 ... 10 mm² clamp terminals
 Auxilliary contacts 1,5 mm² clamp terminals

Miniature Circuit-Breaker Series 8562 Order Specific Configuration, 4-pole, D-Characteristic

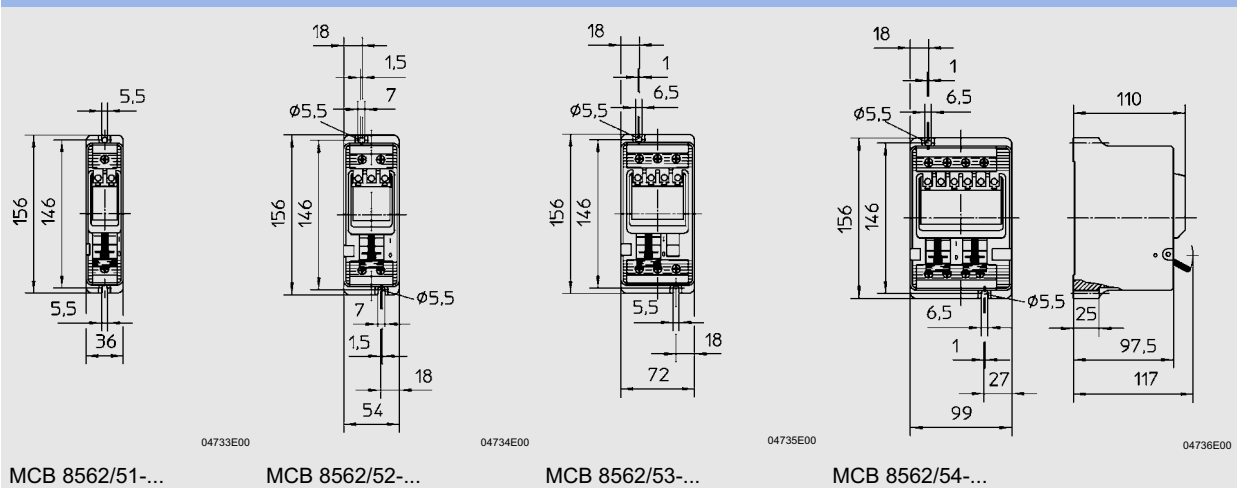
Technical Data

Version	AC MCBs	AC / DC MCBs
Material		
Housing	Epoxy resin	Epoxy resin
Auxiliary contacts		
Version	Versions: auxiliary contact 1 changeover or/and fault signal contact 1 changeover. Auxiliary contact 1 NO and fault signal contact 1 NO	Versions: auxiliary contact 1 changeover or/and fault signal contact 1 changeover. Auxiliary contact 1 NO and fault signal contact 1 NO
Rated working voltage	max. 240 V, AC	max. 240 V, AC
Rated working current	5 A, at 230 V, AC 1 A at 60 V, DC	5 A, at 230 V, AC 1 A at 60 V, DC
Terminals	1,5 mm ² clamp terminals	1,5 mm ² clamp terminals

Schematic



Dimension drawings (all dimensions in mm) - subject to alterations



We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.

