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Certifications

ABS	American Bureau of Shipping
BV	Bureau Veritas
DNV	Det Norske Veritas
GL	German Lloyd
LRoS	Lloyd's Register of Shipping
RINA	Registro Italiano Navale
RMRoS	Russian Maritime Register of Shipping

Conformity

The circuit breakers Series ME07 comply with the standard "Low-voltage switchgear and control-gear" VDE 0660 Part 101, respectively IEC 947-2 and VDE 0113.

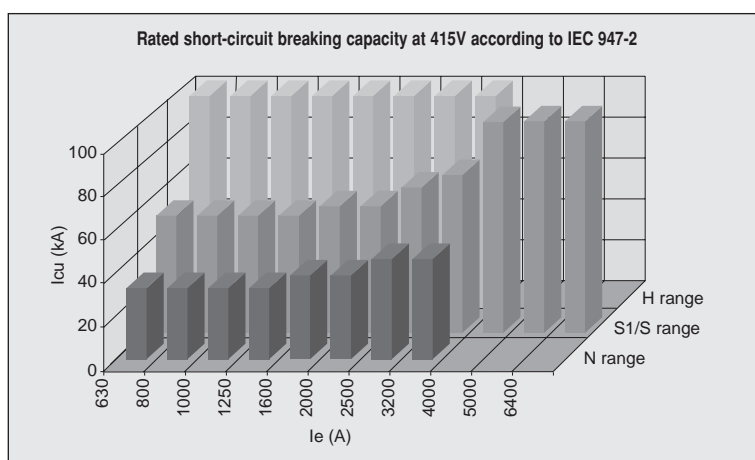
The disconnecting switches Series MET are in accordance with the standard "Low-voltage switchgear and controlgear" VDE 0660 Part 107, respectively IEC 947-3 and VDE 0113.

Air circuit breakers

Series ME07 690V/AC 630 up to 6400A

Description

Three ranges of circuit breakers Series ME for time delayed selectivity with different breaking capacities in each frame size offer a compact and economic solution for all installations.



Economy range N

The economic solution for medium power distribution systems.

Standard range S1/S

The solution for heavy power distribution requirements with sufficiently high breaking capacity for complete time selective discrimination.

High performance range H

The compact solution for distribution of extremely high power levels up to 100 kA in industrial and marine installations in each frame size.

Complete line

- Compact, robust steel frame construction which reduces the space requirements within enclosures.
- Circuit breakers and disconnecting switches.
- 3- and 4-pole devices.
- Fixed and withdrawable versions.
- Appearance of the operator control panel in a modern industry design is identical for the complete productline.
- Drive mechanisms, trip units and accessories e.g. undervoltage trip, shunt trip and auxiliary contacts are common for all frame sizes.
- Manual or motor operated stored energy drive mechanism for direct and remote actuation.
- Microprocessor controlled trip units for all round protection.
- Bus connection.

Design and specifications are subject to change without notice.

Functions of the electronic trip units type bse ... rms

Type	bse 3-1 rms	bse 3-2 rms	bse 3-3 rms	bse 3-3.1 rms	bse 3-4 rms	bse 3-5 rms	bse 3-6 rms	bse 3-7 rms
	bse 4-1 rms	bse 4-2 rms	bse 4-3 rms	bse 4-3.1 rms	bse 4-4 rms	bse 4-5 rms	bse 4-6 rms	bse 4-7 rms
b-Channel adjustable	•	•	•	•	•	•	•	•
Long time delay fixed on 20sec	•	•	–	–	–	–	–	–
Long time delay adjustable within 5...40 sec	–	–	•	•	•	•	–	–
Long time delay adjustable within 5...35 sec	–	–	•	•	•	•	•	•
Overload memory (ON/OFF)	–	–	–	–	–	–	•	–
Overload memory (ON/OFF) via BUS	–	–	–	–	–	–	–	•
Unbalanced load/ Phase loss sensitivity (ON/OFF)	–	–	–	–	–	–	•	–
Unbalanced load/ Phase loss sensitivity (ON/OFF) via BUS	–	–	–	–	–	–	–	•
Contact for indication TRIPPED	–	–	•	•	•	•	•	–
Indication TRIPPED via BUS	–	–	–	–	–	–	–	•
s-Channel adjustable	•	•	•	•	•	•	•	•
Time delay adjustable	–	•	•	•	•	•	•	•
I ² t -tripping characteristic (ON/OFF)	–	–	–	–	–	–	•	•
Contact for indication TRIPPED	–	–	•	•	•	•	•	•
Indication TRIPPED via BUS	–	–	–	–	–	–	–	•
Contact for immediate indication of s-channel threshold	–	–	•	•	•	•	•	•
k-Channel (ON/OFF)	–	–	•	•	•	•	•	•
Setting fixed	–	–	•	•	•	•	–	–
Setting adjustable	–	–	–	–	–	–	•	•
Contact for indication TRIPPED	–	–	•	•	•	•	•	–
Indication TRIPPED via BUS	–	–	–	–	–	–	–	•
g-Channel (Earth fault) (ON/OFF)	–	–	–	–	•	•	•	•
Time delay adjustable	–	–	–	–	•	•	•	•
I ² t -tripping characteristic (ON/OFF)	–	–	–	–	–	–	•	•
Contact for indication TRIPPED	–	–	–	–	•	•	•	–
Indication TRIPPED via BUS	–	–	–	–	–	–	–	•
v-Channel (pre-alarm value adjustable via BUS)	–	–	–	–	–	–	–	•
Time delay adjustable via BUS	–	–	–	–	–	–	–	•
Indication via BUS	–	–	–	–	–	–	–	•
Indications								
bs-Channel Contact for indication TRIPPED (approx. 20ms if spring system is charged)	0	0	–	–	–	–	–	–
b-Channel with LED indication and contact (1 NO) for indication TRIPPED	–	–	•	•	•	•	•	•
s-Channel with LED indication and contact (1 NO) for indication TRIPPED	–	–	•	•	•	•	•	•
k-Channel with LED indication and contact (1 NO) for indication TRIPPED	–	–	•	•	•	•	•	•
g-Channel with LED indication and contact (1NO) for indication TRIPPED	–	–	–	–	•	•	•	•
RESET button	–	–	•	•	•	•	•	•
Remote reset (24...230V AC/DC)	–	–	–	–	–	–	•	•
Auxiliary voltage 24 V DC ± 15% 60 to 230 V AC	–	–	•	•	•	•	•	•
ZSI (ON/OFF)	–	–	–	•	–	•	•	•
Watchdog (ON/OFF)	–	–	–	–	–	–	•	•
BUS connection	–	–	–	–	–	–	–	•
Test socket	•	•	•	•	•	•	•	•



Air circuit breakers - Special versions

Series ME07 1000V/AC 630 up to 6400A

Description

The air circuit breakers are suitable for use in distributions of high power levels up to a rated voltage of AC 1000V. For these applications the standard types ME07H are provided with modified heightened arc chutes to cover the requirements at the higher rated voltage.

Terminations are rear side suitable only for horizontal plane.

Power supply can be either on upper or lower terminals.

The fixed version of the circuit breaker can be mounted on the base without additional parts.

A withdrawable version is not available.

For accessories eg. motor drives, trip units, auxiliary trips please refer to the pages L.18-21.

Conformity

The circuit breakers type ME07 comply with the standard "Low-voltage switchgear and controlgear"

VDE 0660 Part 101, respectively IEC 947-2.

Technical values

Frame size	10				20		40	50	
	637H	807H	1007H	1257H	1607H	2007H	3207H	4007S ⁽¹⁾⁽²⁾	
Series ME									
Rated insulation voltage U_i	AC 1000V								
Rated impulse withstand voltage U_{imp}	8kV								
Pollution degree	3								
Rated voltage U_e	Up to 3 AC 1000V								
Rated current I_e	Fixed								
Pollution degree IP00									
For use in enclosures with interior temperatures of 40 to 60°C, the relevant IP00 values can be applied basically. Connection cross sections are to be rated to the rated current of the equipment.	Temperature								
	40°C (A)	630	800	1000	1250	1600	2000	3200	4000
	45°C (A)	630	800	1000	1250	1600	1980	3200	4000
	50°C (A)	630	800	1000	1250	1600	1920	3200	4000
	55°C (A)	630	800	1000	1250	1600	1840	3200	-
	60°C (A)	630	800	1000	1250	1600	1760	3100	-
Rated breaking capacity I_{cn} according to IEC 947-2 (RMS values)									
Power supply to top									
$I_{cu} = I_{cs}$	3 AC 1000V (kA)	30	30	30	30	35	35	50	55
	$\cos \varphi$	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.2
Rated making capacity I_{cm} Peak values	3 AC 1000V (kA)	63	63	63	63	73.5	73.5	105	121

(1) Power supply only on upper terminals.

(2) Rated currents 5000A and 6300A on request.

Air circuit breakers - Special versions

Series ME07 750V/DC 630 up to 3200A

Description

For DC applications up to DC 750 V the standard 3-pole types MET07H - 690V version can be selected.

An external overcurrent release operating on a shunt trip or on an undervoltage trip must be provided for overload and short circuit protection. The release and the auxiliary trip is to order separately.

For overcurrent releases, see below.

Due to identical dimensions the circuit breakers are available as fixed and withdrawable types.

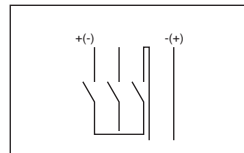
For accessories e.g. motordrives, auxiliary trips, cradles, please refer to the pages L.19-23.



Conformity

The circuit breakers series ME07 comply with the standard "Low-voltage switchgear and controlgear" VDE 0660 Part 101, respectively IEC 947-2.

Installation



The three pole breaker must be connected in the DC network as shown in the diagram.

Power supply

Power supply can be either on upper or lower terminals.

Technical values

Frame size	10				20		30	40	
Series ME	637H	807H	1007H	1257H	1607H	2007H	2507H	3207H	
Rated insulation voltage U_i	DC 1000V								
Rated impulse withstand voltage U_{imp}	8kV								
Pollution degree	3								
Rated voltage U_e	Up to DC 750V								
Rated current I_e	Fixed and withdrawable								
Pollution degree IP00	Temperature								
For use in enclosures with interior temperatures of 40 to 60°C,	40°C (A)	630	800	1000	1250	1600	2000	2500	3200
the relevant IP00 values can be applied basically. Connection cross sections are to be rated to the rated current of the equipment.	45°C (A)	630	800	1000	1250	1600	1980	2500	3200
	50°C (A)	630	800	1000	1250	1600	1920	2400	3200
	55°C (A)	630	800	1000	1250	1600	1840	2360	3200
	60°C (A)	630	800	1000	1250	1600	1760	2250	3100
Rated breaking capacity I_{cn} according to IEC 947-2	DC 220V, T=L/R=15ms (kA)	50	50	50	50	60	60	60	65
Power supply to top or bottom	DC 440V, T=L/R=15 ms (kA)	40	40	40	40	45	45	45	50
$I_{cu} = I_{cs}$	DC 750V, T=L/R=15 ms (kA)	20	20	20	20	20	20	30	30

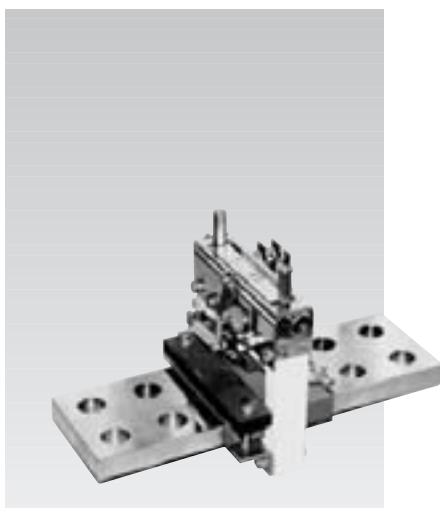
Overcurrent release for DC

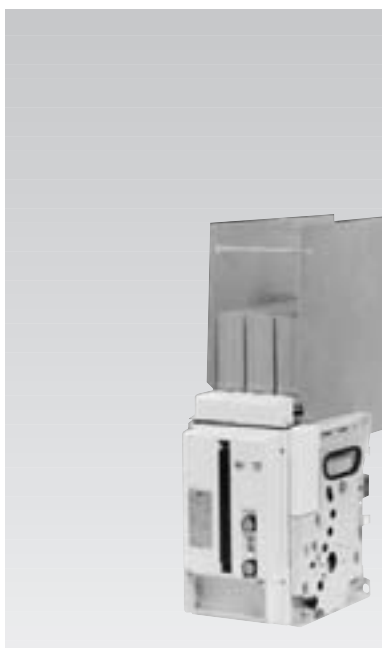
The overcurrent release mounted separately consists of an electromagnetic system for short circuit protection operating on a micro switch (1CO).

Technical data

Overcurrent release			
Rated insulation voltage U_i	DC 1500V		
Rated voltage U_e	up to DC 1500V		
Rated current I_e	630-1250A	1600-3600A	1600-3600
Adjusted setting values (continuously)	800/1200/1800A	1600/2000/3000A	2500/3200/3600A

Micro switch				
Rated insulation voltage U_i	(V)	380V	380V	380V
Continuous current I_{th}	(A)	10	10	10
Rated operating Voltage U_c	(V)	60	110	220
AC-11 duty	(A)	-	-	4
DC-11 duty (with arc deflector)	(A)	3	0.6	0.3





Air circuit breakers - Special versions

Series MEG07 1200V/1500V/DC 1250 up to 6400 A

Description

The air circuit breakers are suitable for use in DC distributions up to a rated voltage of DC 1200V (single pole breaking) and DC 1500V (two pole breaking in series). For these applications the standard 3-pole types MET07H are provided with modified heightened arc chutes to cover the requirements.

The circuit breaker type MEG07 is equipped with an external overcurrent release operating on a shunt trip (standard) or if requested on an under-voltage trip (accessory). Details of overcurrent release see page L.5. The disconnecting switch type MEGT07 is identical with the circuit breaker type but non automatic.

For accessories e.g. motordrives, auxiliary trips please refer to pages L.19-21.

Conformity

The circuit breakers type MEG07 comply with the standard "Low-voltage switchgear and controlgear" VDE 0660 Part 101, respectively IEC 947-2.

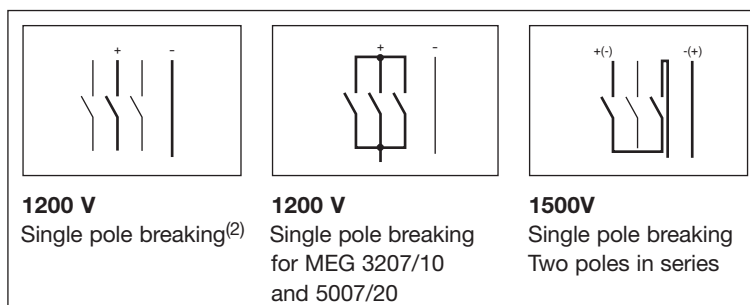
The disconnecting switch MEGT07 comply with the standard "Low-voltage switchgear and control gear" VDE 0660 Part 107, respectively IEC 947-3.

Installation

Terminations are rear side suitable only for horizontal plane. The circuit breaker can be mounted on the base without additional parts. A withdrawable version is not available.

Power supply

1200V: upper terminals / 1500V: either on upper or lower terminals. The circuit breaker must be connected in the DC network as shown in the diagrams below.



Technical values

Frame size	10	20	40	50	60	70	10	20	
Series MEG	1257	2007	3207	4007	5007 ⁽¹⁾	6307 ⁽¹⁾	3207/10	5007/20	
Rated insulation voltage U _i	DC 1500V								
Rated impulse withstand voltage U _{imp}	8kV								
Pollution degree	3								
Rated voltage U _e	Up to DC 1500V						DC 1200V ⁽³⁾		
Rated current I _e	Fixed								
Pollution degree IP00	Temperature								
For use in enclosures with interior temperatures of 40 to 60°C, the relevant IP00 values can be applied basically. Connection cross sections are to be rated to the rated current of the equipment.	40°C (A)	1250	2000	3200	4000	5000	6400	3200	5000
	45°C (A)	1250	1980	3200	4000	5000	6300	3200	5000
	50°C (A)	1250	1920	3200	4000	5000	6300	3200	5000
	55°C (A)	1250	1840	3200					
	60°C (A)	1250	1760	3100					
Rated breaking capacity I _{cn} according to IEC 947-2	DC 750 ⁽³⁾ (kA)	-	-	-	-	-	-	10	10
Power supply to top	DC 1200V (kA)	30	30	35	40	45	45	30	20
I _{cu} = I _{cs}	DC 1500V (kA)	20	20	25	25	30	30	-	-

(1) On request

(2) Two pole breaking on request

(3) Version for stationary railway application acc. to EN 50123-2 and -3, only type MEGT for DC 750V

Technical data

Series ME07N - Economy range - 3&4 poles - 630 up to 3200 A

415V/AC

Frame size		10				20		30	40
Series ME		637N	807N	1007N	1257N	1607N	2007N	2507N	3207N
Rated insulation voltage Ui		AC 1000V							
Rated impulse withstand voltage Uimp		8kV							
Pollution degree		3							
Rated voltage Ue		Up to 3 AC 415V							
Rated current Ie		Fixed and withdrawable							
Pollution degree IP00	Temperature								
For use in enclosures with interior temperatures of 40 to 60°C,	40°C (A)	630	800	1000	1250	1600	2000	2500	3200
the relevant IP00 values can be applied basically. Connection cross sections are to be rated to the rated current of the equipment.	45°C (A)	630	800	1000	1250	1600	1980	2500	3200
	50°C (A)	630	800	1000	1250	1600	1920	2400	3200
	55°C (A)	630	800	1000	1250	1600	1840	2360	3200
	60°C (A)	630	800	1000	1250	1600	1760	2250	3100
Rated breaking capacity Icn according to IEC 947-2 (RMS values)									
Power supply to top									
Icu = Ics	3AC 400/415V(kA)	30	30	30	30	35	35	40	40
	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Rated making capacity Icm									
Peak values	3AC 400/415V(kA)	63	63	63	63	73.5	73.5	84	84
Rated short time current Icw	0.3s (kA)	30	30	30	30	35	35	40	40
	1.0s (kA)	30	30	30	30	35	35	40	40
	3.0s (kA)	20	20	20	20	30	30	35	35
Selectivity up to RMS values	(kA)	30	30	30	30	35	35	40	40
	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Total breaking time									
via bse trip unit - s channel	(ms)	65	65	65	65	65	65	65	65
via bse trip unit - k channel	(ms)	45	45	45	45	45	45	45	45
Number of poles		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/-
Mechanical endurance									
without maintenance	x10 ³ ops.	5	5	5	5	5	5	2.5	2.5
with maintenance	x10 ³ ops.	10	10	10	10	10	10	5	5
Switching frequency	ops. /h	60	60	60	60	60	60	30	30
Total power losses (3-pole) at rated current and breaker at operating temperature									
fixed version	(W)	75	105	145	205	230	325	405	445
withdrawable version	(W)	110	162	234	344	444	503	600	708

Technical data

Series ME07S1 - Standard range - Frame size 10-40 - 3&4 poles - 630 up to 3200 A 690V/AC

Frame size	10				20		30	40		
Series ME	637S1	807S1	1007S1	1257S1	1607S1	2007S1	2507S1	3207S1		
Rated insulation voltage U_i	AC 1000V									
Rated impulse withstand voltage U_{imp}	8kV									
Pollution degree	3									
Rated voltage U_e	Up to 3 AC 690V									
Rated current I_e	Fixed and withdrawable									
Pollution degree IP00	Temperature									
For use in enclosures with interior temperatures of 40 to 60°C, the relevant IP00 values can be applied basically. Connection cross sections are to be rated to the rated current of the equipment.	40°C (A)	630	800	1000	1250	1600	2000	2500	3200/2000 ⁽¹⁾	
	45°C (A)	630	800	1000	1250	1600	1980	2500	3200/1980	
	50°C (A)	630	800	1000	1250	1600	1920	2400	3200/1920	
	55°C (A)	630	800	1000	1250	1600	1840	2360	3200/1840	
	60°C (A)	630	800	1000	1250	1600	1760	2250	3100/1760	
Rated breaking capacity I_{cn} according to IEC 947-2 (RMS values)									III-	IV-pole
Power supply to top or bottom										
$I_{cu} = I_{cs}$	3 AC 400/415V (kA)	50	50	50	50	55	55	65	70	65/55 ⁽¹⁾
	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.2	0.2	0.2/0.25
	3 AC 500V (kA)	50	50	50	50	55	55	65	70	65/55
	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.2	0.2	0.2/0.25
	3 AC 690V (kA)	50	50	50	50	55	55	65	70	65/55
	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.2	0.2	0.2/0.25
Rated making capacity I_{cm}										
Peak values	3 AC 400/415V (kA)	105	105	105	105	121	121	143	154	143/121 ⁽¹⁾
	3 AC 500V (kA)	105	105	105	105	121	121	143	154	143/121
	3 AC 690V (kA)	105	105	105	105	121	121	143	154	143/121
Rated short time current I_{sw}	0.3s (kA)	50	50	50	50	55	55	65	70	65/55 ⁽¹⁾
	1.0s (kA)	50	50	50	50	55	55	65	70	65/55
	3.0s (kA)	20	20	20	20	30	30	35	40	40/30
Selectivity when "Switching ON"	(kA)	23	23	23	23	30	30	35	40	
RMS values	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
(making current trip type kse)	(kA)	35	35	35	35	45	45	52	60	
Setting value kse-trip (RMS value)	(kA)	50	50	50	50	55	55	65	70	
Selectivity with breaker "ON"	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Total breaking time										
via kse trip (ms)		20	20	20	20	20	20	20	20	
via bse trip unit - s channel (ms)		65	65	65	65	65	65	65	65	
via bse trip unit - k channel (ms)		45	45	45	45	45	45	45	45	
Number of poles		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
Mechanical endurance										
without maintenance $\times 10^3$ ops.		10	10	10	10	10	10	5	5	
with maintenance $\times 10^3$ ops.		20	20	20	20	20	20	10	10	
Switching frequency ops. /h		60	60	60	60	60	60	30	30	
Total power losses (3-pole) at rated current and breaker at operating temperature										
fixed version (W)		75	105	145	205	230	325	405	445	
withdrawable version (W)		110	162	234	344	444	503	600	708	

(1) Second value for 4th pole.

Technical data

Series ME07S - Standard range - Frame size 50-70 - 3&4 poles - 4000 up to 6400 A 690V/AC

Frame size		50	60	70
Series ME		4007S	5007S	6307S
Rated insulation voltage Ui		AC 1000V		
Rated impulse withstand voltage Uimp		8kV		
Pollution degree		3		
Rated voltage Ue		Up to 3 AC 690V		
Rated current Ie		Fixed and withdrawable		Withdrawable
Pollution degree IP00	Temperature			
For use in enclosures with interior temperatures of 40 to 60°C, the relevant IP00 values can be applied basically. Connection cross sections are to be rated to the rated current of the equipment.	40°C (A)	4000	5000	6400
	45°C (A)	4000	5000	6300
	50°C (A)	4000	5000	6300
	55°C (A)	-	-	-
	60°C (A)	-	-	-
Rated breaking capacity Icn according to IEC 947-2 (RMS values)				
Power supply to top or bottom				
Icu = Ics	3 AC 400/415V (kA)	100	100	100
	cos φ	0.2	0.2	0.2
	3 AC 500V (kA)	100	100	100
	cos φ	0.2	0.2	0.2
	3 AC 690V (kA)	100	100	100
	cos φ	0.2	0.2	0.2
Rated making capacity Icm				
Peak values	3 AC 400/415V (kA)	220	220	220
	3 AC 500V (kA)	220	220	220
	3 AC 690V (kA)	220	220	220
Rated short time current Icw	0.3s (kA)	100	100	100
	1.0s (kA)	100	100	100
	3.0s (kA)	55	55	55
Selectivity when "Switching ON"	(kA)	-	-	-
RMS values	cos φ	-	-	-
(making current trip type kse)				
Setting value kse-trip (RMS value)	(kA)	-	-	-
Selectivity with breaker "ON"	(kA)	100	100	100
	cos φ	0.2	0.2	0.2
Total breaking time				
via kse trip	(ms)	-	-	-
via bse trip unit - s channel	(ms)	50	50	50
via bse trip unit - k channel	(ms)	40	40	40
Number of poles		3/4	3/-	3/-
Mechanical endurance				
without maintenance	x10 ³ ops.	2.5	2.5	2.5
with maintenance	x10 ³ ops.	5	5	5
Switching frequency	ops. /h	30	30	30
Total power losses (3-pole) at rated current and breaker at operating temperature				
fixed version	(W)	540	670	-
withdrawable version	(W)	705	975	1510

Technical data

Series ME07H - High performance range - 3&4 poles - 630 up to 3200 A

690 V/AC

Frame size	10				20		30	40	
Series ME	673H	807H	1007H	1257H	1607H	2007H	2507H	3207H	
Rated insulation voltage Ui	AC 1000V								
Rated impulse withstand voltage Uimp	8kV								
Pollution degree	3								
Rated voltage Ue	Up to 3 AC 1000V up to DC 750V ⁽¹⁾								
Rated current Ie	Fixed and withdrawable								
Pollution degree IP00	Temperature								
For use in enclosures with interior temperatures of 40 to 60°C, the relevant IP00 values can be applied basically. Connection cross sections are to be rated to the rated current of the equipment.	40°C (A)	630	800	1000	1250	1600	2000	2500	3200/2000 ⁽³⁾
	45°C (A)	630	800	1000	1250	1600	1980	2500	3200/1980
	50°C (A)	630	800	1000	1250	1600	1920	2400	3200/1920
	55°C (A)	630	800	1000	1250	1600	1840	2360	3200/1840
60°C (A)	630	800	1000	1250	1600	1760	2250	3100/1760	
Rated breaking capacity Icn according to IEC 947-2 (RMS values)									
Power supply to top or bottom									
Icu = Ics	3 AC 400/415V (kA)	100 ⁽²⁾	100 ⁽²⁾	100 ⁽²⁾	100 ⁽²⁾	100	100	100	100/100 ⁽³⁾
	cos φ	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2/0.2
	3 AC 440V (kA)	100 ⁽²⁾	100 ⁽²⁾	100 ⁽²⁾	100 ⁽²⁾	100	100	100	100/100
	cos φ	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2/0.2
	3 AC 500V (kA)	70	70	70	70	80	80	90	90/80
	cos φ	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2/0.2
	3 AC 690V (kA)	50	50	50	50	60	60	75	80/60
	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.2/0.25
	3 AC 1000V ⁽⁴⁾ (kA)	25	25	25	25	35	35	40	50
	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
DC 220V, T = L/R = 15 ms ⁽¹⁾	(kA)	50	50	50	50	60	60	60	65/60
DC 440V, T = L/R = 15 ms ⁽¹⁾	(kA)	40	40	40	40	45	45	45	50/45
DC 750V, T = L/R = 15 ms ⁽¹⁾	(kA)	20	20	20	20	20	20	30	30/20
Rated making capacity Icm									
Peak values	3 AC 400/415V (kA)	220	220	220	220	220	220	220	220/220
	3 AC 440V (kA)	220	220	220	220	220	220	220	220/220
	3 AC 500V (kA)	154	154	154	154	176	176	198	198/176
	3 AC 690V (kA)	105	105	105	105	132	132	165	176/132
	3 AC 1000V (kA)	52.5	52.5	52.5	52.5	73.5	73.5	84	105/73.5
Rated short time current Icw	0.3s (kA)	50	50	50	50	55	55	65	70/55
	1.0s (kA)	50	50	50	50	55	55	55	65/55
	3.0s (kA)	20	20	20	20	30	30	35	40/30
Selectivity up to (at ON operation as well)		23	23	23	23	30	30	35	40/30
RMS values	cos φ	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25/0.25
Instantaneous short circuit trip type ks									
RMS values	(kA)	35	35	35	35	45	45	52	60/45
Peak values	(kA)	50	50	50	50	63	63	74	85/63
Total breaking time									
via ks trip	(ms)	20	20	20	20	20	20	20	20
via bse trip unit - s channel	(ms)	65	65	65	65	65	65	65	65
via bse trip unit - k channel	(ms)	45	45	45	45	45	45	45	45
Number of poles		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Mechanical endurance									
without maintenance	x10 ³ ops.	10	10	10	10	10	10	5	5
with maintenance	x10 ³ ops.	20	20	20	20	20	20	10	10
Switching frequency	ops. /h	60	60	60	60	60	60	30	30
Total power losses (3-pole) at rated current and breaker at operating temperature									
fixed version	(W)	75	105	145	205	230	325	405	445
withdrawable version	(W)	110	162	234	344	444	503	600	708

(1) For DC applications see section Air circuit breakers Series ME07 for DC Applications on pages L.5, L.6

(2) Withdrawable version - Icu 80kA

(3) Second value for 4th pole

(4) Only 3-pole version on request with horizontal termination, power supply upper terminals only, see also air circuit breakers Series ME07 for AC 1000V on page L.4

Order codes

Series ME07N - 3&4 poles, 630 up to 3200 A 415 V/AC

ECONOMY RANGE



3P

Frame size	Rated current of breaker I _u [A]	Rated current of current transformer I _{CT} [A]	Type	Horizontal terminals		Vertical terminals		Pack.
				Ref. No.	kg	Ref. No.	kg	
10	630	250	ME637N	758100	44	758101	47	1
10	630	400	ME637N	758102	44	758103	47	1
10	630	630	ME637N	758104	44	758105	47	1
10	800	800	ME800N	758106	45	758107	48	1
10	1000	1000	ME1007N	758108	45	758109	50	1
10	1250	1250	ME1257N	758110	46	758111	53	1
20	1600	1600	ME1607N	758112	52	758113	62	1
20	2000	2000	ME2007N	758114	52	758115	62	1
30	2500	2500	ME2507N	758116	76	758117	90	1
40	3200	3200	ME3207N	758118	89	758119	109	1

4P

Neutral conductor left								
10	630	250	ME637N/IV	758516	59	758388	65	1
10	630	400	ME637N/IV	758504	59	758394	65	1
10	630	630	ME637N/IV	758472	59	758400	65	1
10	800	800	ME800N/IV	758440	60	758408	66	1
10	1000	1000	ME1007N/IV	758997	60	758414	68	1
10	1250	1250	ME1257N/IV	758992	61	758421	71	1
20	1600	1600	ME1607N/IV	758267	73	758442	88	1
20	2000	2000	ME2007N/IV	758235	73	758448	88	1
30	2500	2500	ME2507N/IV	758166	88	758460	107	1

Neutral conductor right								
10	630	250	ME637N/IV	758410	59	758411	65	1
10	630	400	ME637N/IV	758412	59	758413	65	1
10	630	630	ME637N/IV	758414	59	758415	65	1
10	800	800	ME800N/IV	758416	60	758417	66	1
10	1000	1000	ME1007N/IV	758418	60	758419	68	1
10	1250	1250	ME1257N/IV	758420	61	758421	71	1
20	1600	1600	ME1607N/IV	758422	73	758423	88	1
20	2000	2000	ME2007N/IV	758424	73	758425	88	1
30	2500	2500	ME2507N/IV	758426	88	758427	107	1

Circuit breaker 3-pole, 4-pole equipped with:

- current transformer
- electronic trip unit type bse 3-1 rms⁽¹⁾
- handoperated mechanism type X2
- 11 auxiliary contacts 5 NO, 6 NC

Neutral conductor

Unprotected with bse 3-1 rms, 100%, 63% or 50% protection of main circuit with bse 4-1 rms. Please refer to ordering details electronic trip unit on page L.18

Series ME07S1 - 3&4 poles, 630 up to 3200 A 500 V/AC

STANDARD RANGE



3P

Frame size	Rated current of breaker I _u [A]	Rated current of current transformer I _{CT} [A]	Type	Horizontal terminals		Vertical terminals		Pack.
				Ref. No.	kg	Ref. No.	kg	
10	630	250	ME637S1	758140	44	758141	47	1
10	630	400	ME637S1	758142	44	758143	47	1
10	630	630	ME637S1	758144	44	758145	47	1
10	800	800	ME800S1	758146	45	758147	48	1
10	1000	1000	ME1007S1	758148	45	758149	50	1
10	1250	1250	ME1257S1	758150	46	758151	53	1
20	1600	1600	ME1607S1	758152	52	758153	62	1
20	2000	2000	ME2007S1	758154	52	758155	62	1
30	2500	2500	ME2507S1	758156	76	758157	90	1
40	3200	3200	ME3207S1	758158	89	758159	109	1

4P

Neutral conductor left								
10	630	250	ME637S1/IV	758164	59	758390	65	1
10	630	400	ME637S1/IV	758496	59	758395	65	1
10	630	630	ME637S1/IV	758464	59	758403	65	1
10	800	800	ME800S1/IV	758999	60	758409	66	1
10	1000	1000	ME1007S1/IV	758995	60	758417	68	1
10	1250	1250	ME1257S1/IV	758990	61	758423	71	1
20	1600	1600	ME1607S1/IV	758259	73	758444	88	1
20	2000	2000	ME2007S1/IV	758227	73	758449	88	1
30	2500	2500	ME2507S1/IV	758971	88	758461	107	1
40	3200/2000 ⁽²⁾	3200	ME3207S1/IV	759540	104	759541	128	1

Neutral conductor right								
10	630	250	ME637S1/IV	758430	59	758431	65	1
10	630	400	ME637S1/IV	758432	59	758433	65	1
10	630	630	ME637S1/IV	758434	59	758435	65	1
10	800	800	ME800S1/IV	758436	60	758437	66	1
10	1000	1000	ME1007S1/IV	758438	60	758439	68	1
10	1250	1250	ME1257S1/IV	758440	61	758441	71	1
20	1600	1600	ME1607S1/IV	758442	73	758443	88	1
20	2000	2000	ME2007S1/IV	758444	73	758445	88	1
30	2500	2500	ME2507S1/IV	758446	88	758447	107	1

Circuit breaker 3-pole, 4-pole equipped with:

- current transformer,
- electronic trip unit type bse 3-1 rms⁽¹⁾
- handoperated mechanism type X2
- 11 auxiliary contacts 5 NO, 6 NC

Neutral conductor

Unprotected with bse 3-1 rms, 100%, 63% or 50% protection (ME637 to 2507S1/IV), 63% or 50% protection (ME3207S1/IV) of main circuit with bse 4-1 rms. Please refer to ordering details electronic trip unit on page L.18

(1) For other trip unit types please refer to table on page L.18
(2) Second value for neutral

Order codes

Series ME07S1/S - 3&4 poles, 630 up to 6400 A 690 V/AC

STANDARD RANGE



3P

Frame size	Rated current of breaker I _n [A]	Rated current of current transformer I _{CT} [A]	Type	Horizontal terminals		Vertical terminals		Pack.
				Ref. No.	kg	Ref. No.	kg	
10	630	250	ME637S1	758570	44	758571	47	1
10	630	400	ME637S1	758572	44	758573	47	1
10	630	630	ME637S1	758574	44	758575	47	1
10	800	800	ME800S1	758576	45	758577	48	1
10	1000	1000	ME1007S1	758578	45	758579	50	1
10	1250	1250	ME1257S1	758580	46	758581	53	1
20	1600	1600	ME1607S1	758582	52	758583	62	1
20	2000	2000	ME2007S1	758584	52	758585	62	1
30	2500	2500	ME2507S1	758586	76	758587	90	1
40	3200	3200	ME3207S1	758588	89	758589	109	1
50	4000	4000	ME4007S	758160	145	-	-	1
60	5000	5000	ME5007S	758162	175	-	-	1
70	6400	6400	ME6307S ⁽²⁾	758726	205	-	-	1

4P

- Circuit breaker 3-pole, 4-pole**
equipped with:
- current transformer,
 - electronic trip unit type bse 3-1 rms⁽¹⁾
 - handoperated mechanism type X2
 - 11 auxiliary contacts 5 NO, 6 NC

Neutral conductor
Unprotected with bse 3-1 rms, 100%, 63% or 50% protection (ME637 to 2507S1/IV; ME4007S1/IV), 63% or 50% protection (ME3207S1/IV), of main circuit with bse 4-1 rms. Please refer to ordering details **electronic trip unit** on page L.18

Neutral conductor left								
10	630	250	ME637S1/IV	758592	59	758593	65	1
10	630	400	ME637S1/IV	758594	59	758595	65	1
10	630	630	ME637S1/IV	758596	59	758597	65	1
10	800	800	ME800S1/IV	758598	60	758599	66	1
10	1000	1000	ME1007S1/IV	758600	60	758601	68	1
10	1250	1250	ME1275S1/IV	758602	61	758603	71	1
20	1600	1600	ME1607S1/IV	758604	73	758605	88	1
20	2000	2000	ME2007S1/IV	758606	73	758607	88	1
30	2500	2500	ME2507S1/IV	758608	88	758609	107	1
40	3200/2000 ⁽⁴⁾	3200	ME3207S1/IV	758610	104	758611	128	1
50	4000	4000	ME4007S/IV ⁽³⁾	759542	175	-	-	1
Neutral conductor left								
10	630	250	ME637S1/IV	758612	59	758613	65	1
10	630	400	ME637S1/IV	758614	59	758615	65	1
10	630	630	ME637S1/IV	758616	59	758617	65	1
10	800	800	ME800S1/IV	758618	60	758619	66	1
10	1000	1000	ME1007S1/IV	758620	60	758621	68	1
10	1250	1250	ME1257S1/IV	758622	61	758623	71	1
20	1600	1600	ME1607S1/IV	758624	73	758625	88	1
20	2000	2000	ME2007S1/IV	758626	73	758627	88	1
30	2500	2500	ME2507S1/IV	758628	88	758629	107	1

Series ME07H - 3&4 poles, 630 up to 3200 A 500 V/AC

HIGH PERFORMANCE RANGE



3P

10	630	250	ME637H	758190	44	758191	47	1
10	630	400	ME637H	758192	44	758193	47	1
10	630	630	ME637H	758194	44	758195	47	1
10	800	800	ME800H	758196	45	758197	48	1
10	1000	1000	ME1007H	758198	45	758199	50	1
10	1250	1250	ME1257H	758200	46	758201	53	1
20	1600	1600	ME1607H	758202	52	758203	62	1
20	2000	2000	ME2007H	758204	52	758205	62	1
30	2500	2500	ME2507H	758206	76	758207	90	1
40	3200	3200	ME3207H	758208	89	758209	109	1

4P

- Circuit breaker 3-pole, 4-pole**
equipped with:
- current transformer
 - electronic trip unit type bse 3-1 rms⁽¹⁾
 - handoperated mechanism type X2
 - 11 auxiliary contacts 5 NO, 6 NC

Neutral conductor
Unprotected with bse 3-1 rms, 100%, 63% or 50% protection (ME637 to 2507H/IV), 63% or 50% protection (ME3207H/IV) of main circuit with bse 4-1 rms. Please refer to ordering details **electronic trip unit** on page L.18

Neutral conductor left								
10	630	250	ME637H/IV	758519	59	758329	65	1
10	630	400	ME637H/IV	758514	59	758331	65	1
10	630	630	ME637H/IV	758482	59	758326	65	1
10	800	800	ME800H/IV	758383	60	758406	66	1
10	1000	1000	ME1007H/IV	758998	60	758323	68	1
10	1250	1250	ME1257H/IV	758386	61	758420	71	1
20	1600	1600	ME1607H/IV	758277	73	758188	88	1
20	2000	2000	ME2007H/IV	758981	73	758447	88	1
30	2500	2500	ME2507H/IV	758176	88	758126	107	1
40	3200/2000 ⁽⁴⁾	3200	ME3207H/IV	759543	104	758229	128	1
Neutral conductor right								
10	630	250	ME637H/IV	758450	59	758451	65	1
10	630	400	ME637H/IV	758452	59	758453	65	1
10	630	630	ME637H/IV	758454	59	758455	65	1
10	800	800	ME800H/IV	758456	60	758457	66	1
10	1000	1000	ME1007H/IV	758458	60	758459	68	1
10	1250	1250	ME1257H/IV	758460	61	758461	71	1
20	1600	1600	ME1607H/IV	758462	73	758463	88	1
20	2000	2000	ME2007H/IV	758464	73	758465	88	1
30	2500	2500	ME2507H/IV	758466	88	758467	107	1

(1) For other trip unit types please refer to table on page 18
(3) Type ME5007S/IV, 5000A withdrawable breaker on request

(2) Only available with withdrawable technique
(4) Second value for neutral

Order codes

Series ME07H - 3&4 poles, 630 up to 3200 A 690 V/AC

HIGH PERFORMANCE RANGE



3P

Frame size	Rated current of breaker I _n [A]	Rated current of current transformer I _{CT} [A]	Type	Horizontal terminals		Vertical terminals		Pack.
				Ref. No.	kg	Ref. No.	kg	
10	630	250	ME637H	758630	44	758568	47	1
10	630	400	ME637H	758688	44	758633	47	1
10	630	630	ME637H	758634	44	758635	47	1
10	800	800	ME800H	758636	45	758637	48	1
10	1000	1000	ME1007H	758638	45	758639	50	1
10	1250	1250	ME1257H	758640	46	758641	53	1
20	1600	1600	ME1607H	758642	52	758643	62	1
20	2000	2000	ME2007H	758644	52	758645	62	1
30	2500	2500	ME2507H	758646	76	758647	90	1
40	3200	3200	ME3207H	758648	89	758649	109	1

4P

Neutral conductor left								
Frame size	Rated current of breaker I _n [A]	Rated current of current transformer I _{CT} [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	250	ME637H/IV	758650	59	758651	65	1
10	630	400	ME637H/IV	758652	59	758653	65	1
10	630	630	ME637H/IV	758654	59	758655	65	1
10	800	800	ME800H/IV	758656	60	758657	66	1
10	1000	1000	ME1007H/IV	758658	60	758659	68	1
10	1250	1250	ME1257H/IV	758660	61	758661	71	1
20	1600	1600	ME1607H/IV	758662	73	758663	88	1
20	2000	2000	ME2007H/IV	758664	73	758665	88	1
30	2500	2500	ME2507H/IV	758666	88	758667	107	1
40	3200/2000 ⁽²⁾	3200	ME3207H/IV	758668	104	758669	128	1
Neutral conductor right								
Frame size	Rated current of breaker I _n [A]	Rated current of current transformer I _{CT} [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	250	ME637H/IV	758670	59	758671	65	1
10	630	400	ME637H/IV	758672	59	758673	65	1
10	630	630	ME637H/IV	758674	59	758675	65	1
10	800	800	ME800H/IV	758676	60	758677	66	1
10	1000	1000	ME1007H/IV	758678	60	758679	68	1
10	1250	1250	ME1257H/IV	758680	61	758681	71	1
20	1600	1600	ME1607H/IV	758582	73	758683	88	1
20	2000	2000	ME2007H/IV	758684	73	758685	88	1
30	2500	2500	ME2507H/IV	758686	88	758687	107	1

Circuit breaker 3-pole, 4-pole equipped with:

- current transformer
- electronic trip unit type bse 3-1 rms⁽¹⁾
- handoperated mechanism type X2
- 11 auxiliary contacts 5 NO, 6 NC

Neutral conductor

Unprotected with bse 3-1 rms, 100%, 63% or 50% protection (ME637 to 2507H/IV), 63% or 50% protection (ME3207H/IV) of main circuit with bse 4-1 rms. Please refer to ordering details electronic trip unit on page L.18

Series ME07H/S - 3 pole, 630 up to 6400 A 1000 V/AC

HIGH PERFORMANCE RANGE



3P

Frame size	Rated current of breaker I _n [A]	Rated current of current transformer I _{CT} [A]	Type	Vertical terminals			
				Heightened arc chute (extended breaking capacity)			
				Ref. No.	kg	Pack.	
10	630	250	ME637H		784161	57	1
10	630	400	ME637H		784162	57	1
10	630	630	ME637H		784163	57	1
10	800	800	ME800H		784164	58	1
10	1000	1000	ME1007H		784165	58	1
10	1250	1250	ME1257H		784166	59	1
20	1600	1600	ME1607H		784167	65	1
20	2000	2000	ME2007H		784168	65	1
40	3200	3200	ME3207H		784169	113	1
50	4000	4000	ME4007S		784170	190	1
60	5000	5000	ME5007S		784171	233	1
70	6400	6400	ME6307S		784172	266	1

Circuit breaker 3-pole equipped with:

- current transformer
- electronic trip unit type bse 3-1 rms⁽¹⁾
- handoperated mechanism type X2
- 11 auxiliary contacts 5 NO, 6 NC (without current transformer and electronic trip unit)

(1) For other trip unit types please refer to table on page L.18

(2) Second value for neutral

Order codes

Series MEG07 - 1 pole⁽¹⁾, 630 up to 6400 A 1500 V/AC

DC - RANGE



Circuit breaker equipped with:

- handoperated mechanism type X2
 - external overcurrent release⁽²⁾
 - shunt trip 230V AC
- 11 auxiliary contacts 5 NO, 6 NC

Frame size	Rated current of breaker lu [A]	Type	Horizontal terminals		Horizontal terminals		Pack.
			Ref. No. Up to 1200V	kg Up to 1200V	Ref. No. Up to 1500V	kg Up to 1500V	
10	1250	MEG1257	784130	45	784138	51	1
20	2000	MEG2007	784131	52	784139	58	1
40	3200	MEG3207	784132	86	784140	99	1
10	3200	MEG3207/10	784133	84	-	-	1
50	4000	MEG4007	784134	154	784141	172	1
60	5000	MEG5007	784135	182	784142	207	1
20	5000	MEG5007/20	784136	178	-	-	1
70	6400	MEG6307	784137	221	784143	245	1

(1) Multiple pole types for DC 1200V on request.

(2) Pls. mention needed current. ranges see page L.18

Disconnecting switch series MET07N - 3&4 poles, 630 up to 3200 A 415 V/AC

ECONOMY RANGE



Disconnecting switch equipped with:

- handoperated mechanism type X2
 - 11 auxiliary contacts 5 NO, 6 NC (without current transformer and electronic trip unit)

Frame size	Rated current of breaker lu [A]	Type	Horizontal terminals		Vertical terminals		Pack.	
			Ref. No.	kg	Ref. No.	kg		
3P	10	630	MET637N	758000	40	758001	43	1
	10	800	MET800N	758002	41	758228	44	1
	10	1000	MET1007N	758004	41	758005	46	1
	10	1250	MET1257N	758006	42	758007	48	1
	20	1600	MET1607N	758008	48	758009	58	1
	20	2000	MET2007N	758010	48	758011	58	1
	30	2500	MET2507N	758012	71	758013	85	1
	40	3200	MET3207N	758014	83	758015	102	1
	4P	Neutral conductor left						
10		630	MET637N/IV	758984	45	758370	61	1
10		800	MET800N/IV	758256	46	758375	62	1
10		1000	MET1007N/IV	758222	46	758380	64	1
10		1250	MET1257N/IV	758358	47	758426	67	1
20		1600	MET1607N/IV	758315	69	758433	84	1
20		2000	MET2007N/IV	758217	69	758452	84	1
30		2500	MET2507N/IV	758969	83	759304	102	1
Neutral conductor right								
10		630	MET637N/IV	758360	45	758361	61	1
10		800	MET800N/IV	758362	46	758363	62	1
10		1000	MET1007N/IV	758364	46	758365	64	1
10		1250	MET1257N/IV	758366	47	758367	67	1
20		1600	MET1607N/IV	758368	69	758369	84	1
20		2000	MET2007N/IV	758370	69	758371	84	1
30	2500	MET2507N/IV	758372	83	758373	102	1	

Order codes

Disconnecting switch series MET07S1 - 3&4 poles, 630 up to 3200 A 500 V/AC

STANDARD RANGE



3P

Frame size	Rated current of breaker lu [A]	Type	Horizontal terminals		Vertical terminals		Pack.
			Ref. No.	kg	Ref. No.	kg	
10	630	MET637S1	758016	40	758017	43	1
10	800	MET800S1	758018	41	758019	44	1
10	1000	MET1007S1	758020	41	758021	46	1
10	1250	MET1257S1	758022	42	758023	48	1
20	1600	MET1607S1	758024	48	758025	58	1
20	2000	MET2007S1	758026	48	758027	58	1
30	2500	MET2507S1	758028	71	758029	85	1
40	3200	MET3207S1	758030	83	758031	102	1

4P

Neutral conductor left							
Frame size	Rated current of breaker lu [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	MET637S1/IV	758268	45	758983	61	1
10	800	MET800S1/IV	758248	46	758231	62	1
10	1000	MET1007S1/IV	758214	46	758973	64	1
10	1250	MET1257S1/IV	758989	47	758427	67	1
20	1600	MET1607S1/IV	758307	69	758988	84	1
20	2000	MET2007S1/IV	758979	69	758453	84	1
30	2500	MET2507S1/IV	758459	83	758125	102	1
40	3200/2000 ⁽²⁾	MET3207S1/IV	758080	98	758081	122	1

Neutral conductor right							
Frame size	Rated current of breaker lu [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	MET637S1/IV	758374	45	758375	61	1
10	800	MET800S1/IV	758376	46	758377	62	1
10	1000	MET1007S1/IV	758378	46	758379	64	1
10	1250	MET1257S1/IV	758380	47	758381	67	1
20	1600	MET1607S1/IV	758382	69	758383	84	1
20	2000	MET2007S1/IV	758384	69	758385	84	1
30	2500	MET2507S1/IV	758386	83	758387	102	1

Disconnecting switch equipped with:

- handoperated mechanism type X2
- 11 auxiliary contacts 5 NO, 6 NC (without current transformer and electronic trip unit)

Disconnecting switch series MET07S1/S - 3&4 poles, 630 up to 6400 A 690 V/AC

STANDARD RANGE



3P

Frame size	Rated current of breaker lu [A]	Type	Horizontal terminals		Vertical terminals		Pack.
			Ref. No.	kg	Ref. No.	kg	
10	630	MET637S1	759306	40	758471	43	1
10	800	MET800S1	759307	41	758473	44	1
10	1000	MET1007S1	758474	41	758475	46	1
10	1250	MET1257S1	758476	42	758477	48	1
20	1600	MET1607S1	758478	48	758479	58	1
20	2000	MET2007S1	759308	48	758481	58	1
30	2500	MET2507S1	759309	71	758483	85	1
40	3200	MET3207S1	758484	83	758485	103	1
50	4000	MET4007S	758032	138	-	-	1
60	5000	MET5007S	758034	165	-	-	1
70	6400	MET6307S ⁽¹⁾	758518	200	-	-	1

4P

Neutral conductor left							
Frame size	Rated current of breaker lu [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	MET637S1/IV	758488	45	758489	61	1
10	800	MET800S1/IV	758491	46	758490	62	1
10	1000	MET1007S1/IV	758492	46	758493	64	1
10	1250	MET1257S1/IV	759310	47	758495	67	1
20	1600	MET1607S1/IV	759311	69	758497	84	1
20	2000	MET2007S1/IV	758498	69	758499	84	1
30	2500	MET2507S1/IV	758500	83	758501	102	1
40	3200/2000 ⁽²⁾	MET3207S1/IV	759312	98	758503	122	1
50	4000	MET4007S/IV	758082	165	-	-	1

Neutral conductor right							
Frame size	Rated current of breaker lu [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	MET637S1/IV	758504	45	758505	61	1
10	800	MET800S1/IV	758506	46	758507	62	1
10	1000	MET1007S1/IV	758508	46	758509	64	1
10	1250	MET1257S1/IV	758510	47	758511	67	1
20	1600	MET1607S1/IV	758512	69	758513	84	1
20	2000	MET2007S1/IV	758514	69	758515	84	1
30	2500	MET2507S1/IV	758516	83	758517	102	1

Disconnecting switch equipped with:

- handoperated mechanism type X2
- 11 auxiliary contacts 5 NO, 6 NC (without current transformer and electronic trip unit)

(1) Only available with withdrawable technique
 (2) Second value for neutral

Order codes

Disconnecting switch series MET07H - 3&4 poles, 630 up to 3200 A 500 V/AC

HIGH PERFORMANCE RANGE



3P

Frame size	Rated current of breaker I _n [A]	Type	Horizontal terminals		Vertical terminals		Pack.
			Ref. No.	kg	Ref. No.	kg	
10	630	MET637H	758036	40	758037	43	1
10	800	MET800H	758038	41	758039	44	1
10	1000	MET1007H	758040	41	758041	46	1
10	1250	MET1257H	758042	42	758043	48	1
20	1600	MET1607H	758044	48	758045	58	1
20	2000	MET2007H	758046	48	758047	58	1
30	2500	MET2507H	758048	71	758049	85	1
40	3200	MET3207H	758050	83	758051	102	1

4P

Neutral conductor left							
Frame size	Rated current of breaker I _n [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	MET637H/IV	758985	45	758257	61	1
10	800	MET800H/IV	758240	46	758223	62	1
10	1000	MET1007H/IV	758977	46	758631	64	1
10	1250	MET1257H/IV	758342	47	758316	67	1
20	1600	MET1607H/IV	758299	69	758986	84	1
20	2000	MET2007H/IV	758975	69	758181	84	1
30	2500	MET2507H/IV	758132	83	758965	102	1
40	3200/2000	MET3207H/IV	758098	98	758099	122	1
Neutral conductor right							
Frame size	Rated current of breaker I _n [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	MET637H/IV	758388	45	758389	61	1
10	800	MET800H/IV	758390	46	758391	62	1
10	1000	MET1007H/IV	758392	46	758393	64	1
10	1250	MET1257H/IV	758394	47	758395	67	1
20	1600	MET1607H/IV	758396	69	758397	84	1
20	2000	MET2007H/IV	758398	69	758399	84	1
30	2500	MET2507H/IV	758400	83	758401	102	1

Disconnecting switch equipped with:
 • handoperated mechanism type X2
 • 11 auxiliary contacts 5 NO, 6 NC (without current transformer and electronic trip unit)

Disconnecting switch series MET07H - 3&4 poles, 630 up to 3200 A 690 V/AC

HIGH PERFORMANCE RANGE



3P

Frame size	Rated current of breaker I _n [A]	Type	Horizontal terminals		Vertical terminals		Pack.
			Ref. No.	kg	Ref. No.	kg	
10	630	MET637H	758520	40	758521	43	1
10	800	MET800H	758522	41	758523	44	1
10	1000	MET1007H	758524	41	758525	46	1
10	1250	MET1257H	758526	42	758527	48	1
20	1600	MET1607H	758528	48	758529	58	1
20	2000	MET2007H	758530	48	758531	58	1
30	2500	MET2507H	758532	71	758533	85	1
40	3200	MET3207H	758534	83	758535	102	1

4P

Neutral conductor left							
Frame size	Rated current of breaker I _n [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	MET637H/IV	758536	45	758537	61	1
10	800	MET800H/IV	758538	46	758539	62	1
10	1000	MET1007H/IV	758540	46	758541	64	1
10	1250	MET1257H/IV	758542	47	758543	67	1
20	1600	MET1607H/IV	758544	69	758545	84	1
20	2000	MET2007H/IV	758546	69	758547	84	1
30	2500	MET2507H/IV	758548	83	758549	102	1
40	3200/2000 ⁽¹⁾	MET3207H/IV	758550	98	758551	122	1
Neutral conductor right							
Frame size	Rated current of breaker I _n [A]	Type	Ref. No.	kg	Ref. No.	kg	Pack.
10	630	MET637H/IV	758552	45	758553	61	1
10	800	MET800H/IV	758554	46	758555	62	1
10	1000	MET1007H/IV	758556	46	758557	64	1
10	1250	MET1257H/IV	758558	47	758559	67	1
20	1600	MET1607H/IV	758560	69	758561	84	1
20	2000	MET2007H/IV	758562	69	758563	84	1
30	2500	MET2507H/IV	758564	83	758565	102	1

Disconnecting switch equipped with:
 • handoperated mechanism type X2
 • 11 auxiliary contacts 5 NO, 6 NC (without current transformer and electronic trip unit)

(1) Second value for neutral

Order codes

Disconnecting switch series MET07H/S - 3 poles, 630 up to 6400 A 1000 V/AC

HIGH PERFORMANCE RANGE
STANDARD RANGE



3P

Disconnecting switch

equipped with:

- handoperated mechanism type X2
- 11 auxiliary contacts 5 NO, 6 NC

(without current transformer and electronic trip unit)

Frame size	Rated current of switch lu [A]	Type	Horizontal terminals Heightened arc chute		Pack.
			Ref. No.	kg	
10	630	MET637H	784173	53	1
10	800	MET800H	784174	54	1
10	1000	MET1007H	784175	54	1
10	1250	MET1257H	784176	55	1
20	1600	MET1607H	784177	61	1
20	2000	MET2007H	784178	61	1
30	2500	MET2507H	784184	96	1
40	3200	MET3207H	784179	107	1
50	4000	MET4007S ⁽¹⁾	784180	183	1
60	5000	MET5007S ⁽¹⁾	784181	223	1
70	6400	MET6307S ⁽¹⁾	784182	261	1

(1) On request.

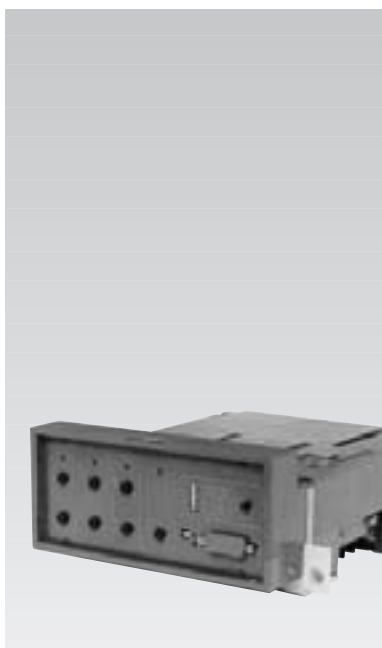
Disconnecting switch series MEGT07 - 1 pole⁽¹⁾ - 630 up to 6400 A 1500 V/DC

DC - RANGE

Disconnecting switch
equipped with:
• handoperated mechanism type X2
• 11 auxiliary contacts 5 NO, 6 NC
(without external overcurrent release, shunt trip 230V AC)

Frame size	Rated current of switch lu [A]	Type	Horizontal terminals		Horizontal terminals		Pack.
			Ref. No. Up to 1200V	kg Up to 1200V	Ref. No. Up to 1500V	kg Up to 1500V	
10	1250	MEGT1257	784144	43	784152	49	1
20	2000	MEGT2007	784145	49	784153	55	1
40	3200	MEGT3207	784146	84	784154	96	1
10	3200	MEGT3207/10	784147	84	-	-	1
50	4000	MEGT4007	784148	149	784155	167	1
60	5000	MEGT5007	784149	178	784156	202	1
20	5000	MEGT5007/20	784150	178	-	-	1
70	6400	MEGT6307	784151	216	784157	241	1

(1) Multiple pole types for DC 1200V on request.



Accessories

Electronic trip unit for AC Overcurrent release for DC

Electronic trip unit type bse ...rms for AC

Type bse 3-x rms	Auxiliary Voltage	Aux. Switches	Cat. No.
bse 3-1 rms	n.a.	5NO+6NC	bse3-1 rms-XX
bse 3-2 rms	n.a.	5NO+6NC	bse3-2 rms-XX
bse 3-3 rms-24D	24V DC	5NO+5NC	bse3-3 rms-24D-XX
bse 3-3 rms-125A	60-125V AC	5NO+5NC	bse3-3 rms-125A-XX
bse 3-3 rms-230A	125-230V AC	5NO+5NC	bse3-3 rms-230A-XX
bse 3-3.1 rms-24D	24V DC	4NO+4NC	bse3-3.1 rms-24D-XX
bse 3-3.1 rms-125A	60-125V AC	4NO+4NC	bse3-3.1 rms-125A-XX
bse 3-3.1 rms-230A	125-230V AC	4NO+4NC	bse3-3.1 rms-230A-XX
bse 3-4 rms-24D	24V DC	4NO+4NC	bse3-4 rms-24D-XX
bse 3-5 rms-24D	24V DC	4NO+4NC	bse3-5 rms-24D-XX
bse 3-6 rms-24D	24V DC	3NO+3NC	bse3-6 rms-24D-XX
bse 3-7 rms-24D	24V DC	3NO+3NC	bse3-7 rms-24D-XX

Type bse 4-x rms ⁽¹⁾	Auxiliary Voltage	Aux. Switches	Cat. No.
bse 4-1 rms	n.a.	5NO+6NC	bse4-1 rms-XX
bse 4-2 rms	n.a.	5NO+6NC	bse4-2 rms-XX
bse 4-3 rms-24D	24V DC	5NO+5NC	bse4-3 rms-24D-XX
bse 4-3 rms-125A	60-125V AC	5NO+5NC	bse4-3 rms-125A-XX
bse 4-3 rms-230A	125-230V AC	5NO+5NC	bse4-3 rms-230A-XX
bse 4-3.1 rms-24D	24V DC	4NO+4NC	bse4-3.1 rms-24D-XX
bse 4-3.1 rms-125A	60-125V AC	4NO+4NC	bse4-3.1 rms-125A-XX
bse 4-3.1 rms-230A	125-230V AC	4NO+4NC	bse4-3.1 rms-230A-XX
bse 4-4 rms-24D	24V DC	4NO+4NC	bse4-4 rms-24D-XX
bse 4-5 rms-24D	24V DC	4NO+4NC	bse4-5 rms-24D-XX
bse 4-6 rms-24D	24V DC	3NO+3NC	bse4-6 rms-24D-XX
bse 4-7 rms-24D	24V DC	3NO+3NC	bse4-7 rms-24D-XX

(1) 100% protection for N-pole, 63% and 50% protection on request.

Selection Code

Frame size	Current transformer	3-pole bse 3-x rms	4-pole ⁽¹⁾ bse 4-x rms
10	250A	2	2
10	400A	4	4
10	630A	6	6
10	800A	8	8
10	1000A	10	10
10	1250A	12	12
20	1600A	16	16
20	2000A	20	20
30	2500A	25	25
40	3200A	32	32 (63% protection)
50	4000A	40	40
60	5000A	50	-
70	6400A	64	-

Overcurrent release for DC & MEG 07 up to 1500V DC

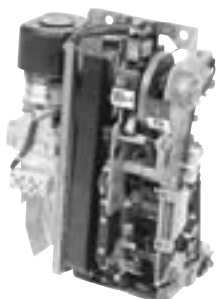
Rated current I _e	Adjusted setting values (continuously)	Ref. No.
630-1250A	800/1200/1800A	760216
1600-3600A	1600/2000/3000A	760217
1600-3600A	2500/3200/3600A	760218

Note: The MEG 07 must be provided with a shunt trip or undervoltage trip connected to the micro switch of the overcurrent release. Ordering details of shunt trip and undervoltage trip see page L.20

Order codes

Operating mechanism for series ME and MET

DRIVES



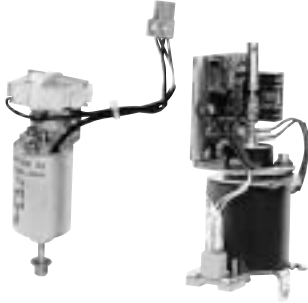
Type	Description	Ref. No.	Pack.
Type x2 Manual operated mechanism with storage operation by manual ON/OFF button		Standard	
Type xv Manual operated mechanism with storage, closing coil	42V, AC 50/60Hz	758730	1
	110V, AC 50/60Hz	758731	1
	220V, AC 50/60Hz	758732	1
	230V, AC 50/60Hz	758733	1
	240V, AC 50/60Hz	758734	1
	24V, DC	758735	1
	48V, DC	758736	1
	60V, DC	758737	1
	110V, DC	758738	1
	125V, DC	758739	1
	220V, DC	758740	1
Type fv1 All type fv with automatic control unit Motor operated mechanism with storage Separate command for charging and closing	42V, AC 50/60Hz	758741	1
	110V, AC 50/60Hz	758742	1
	220V, AC 50/60Hz	758743	1
	230V, AC 50/60Hz	758744	1
	240V, AC 50/60Hz	758745	1
	24V, DC	758746	1
	48V, DC	758747	1
	60V, DC	758748	1
	110V, DC	758749	1
	125V, DC	758750	1
	220V, DC	758751	1
Type fv2 Automatic charging after circuit breaker is opened	42V, AC 50/60Hz	758752	1
	110V, AC 50/60Hz	758753	1
	220V, AC 50/60Hz	758754	1
	230V, AC 50/60Hz	758755	1
	240V, AC 50/60Hz	758756	1
	24V, DC	758757	1
	48V, DC	758758	1
	60V, DC	758759	1
	110V, DC	758760	1
	125V, DC	758761	1
	220V, DC	758762	1
Type fv3.1 Automatic charging after circuit breaker is closed, with manual first charging	42V, AC 50/60Hz	758763	1
	110V, AC 50/60Hz	758764	1
	220V, AC 50/60Hz	758765	1
	230V, AC 50/60Hz	758766	1
	240V, AC 50/60Hz	758767	1
	24V, DC	758768	1
	48V, DC	758769	1
	60V, DC	758770	1
	110V, DC	758771	1
	125V, DC	758772	1
	220V, DC	758773	1
Type fv3.2 Automatic charging after circuit breaker is opened or closed, with automatic first charging	42V, AC 50/60Hz	758774	1
	110V, AC 50/60Hz	758775	1
	220V, AC 50/60Hz	758776	1
	230V, AC 50/60Hz	758777	1
	240V, AC 50/60Hz	758778	1
	24V, DC	758779	1
	48V, DC	758780	1
	60V, DC	758781	1
	110V, DC	758782	1
	125V, DC	758783	1
	220V, DC	758784	1
Type fv4 Automatic closing when spring is charged	42V, AC 50/60Hz	758785	1
	110V, AC 50/60Hz	758786	1
	220V, AC 50/60Hz	758787	1
	230V, AC 50/60Hz	758788	1
	240V, AC 50/60Hz	758789	1
	24V, DC	758790	1
	48V, DC	758791	1
	60V, DC	758792	1
	110V, DC	758793	1
	125V, DC	758794	1
	220V, DC	758795	1

L

Order codes

Accessories for series ME and MET

AUXILIARY TRIPS



Type	Description	Ref. No.	Pack.	
Shunt trip type a	42V, AC 50/60Hz	758818	1	
	110V, AC 50/60Hz	758819	1	
	220V, AC 50/60Hz	758820	1	
	230V, AC 50/60Hz	758821	1	
	240V, AC 50/60Hz	758822	1	
	24V, DC	758823	1	
	48V, DC	758824	1	
	60V, DC	758825	1	
	110V, DC	758826	1	
	125V, DC	758827	1	
	220V, DC	758828	1	
	Undervoltage release type r	42V, AC 50/60Hz	758829	1
		110V, AC 50/60Hz	758830	1
220V, AC 50/60Hz		758831	1	
230V, AC 50/60Hz		758832	1	
240V, AC 50/60Hz		758833	1	
24V, DC		758834	1	
48V, DC		758835	1	
60V, DC		758836	1	
110V, DC		758837	1	
125V, DC		758838	1	
220V, DC		758839	1	
ACCESSORIES FOR AUXILIARY TRIPS				
Time delay unit type c For undervoltage trip (undervoltage trip "r" 220V DC required) Rated operating voltage:		AC 50/60Hz, 230V, 220V DC	758843	1
Capacitor trip unit type n2 External version, shunt trip type "a" 220V DC required	Operating range 0.0 ... 1.1 Uc	758849	1	

Order codes

Accessories for series ME and MET

INDICATION SWITCHES

Type	Kg	Ref. No.	Pack.
Trip indication switch type m5 For b+s-channel, 1 self resetting NO switch pulse actuation, quick make contact about 15 to 20 ms if spring system is charged, otherwise continuous contact (trip unit type bse 3/4-1 and bse 3/4-2 rms only)	0.15	758850	1
Indication switch type m3 "Spring energy system charged" for hand operated mechanism. With motor operated mechanism and automatic control unit indication always supplied, not available with microswitch controlled mechanism	0.15	758851	1
Indication switch type m4 "Breaker ready for closure". Indication: Breaker OFF, spring energy system charged, undervoltage trip if available energised for hand and motor operated mechanism, standard with microswitch controlled mechanism.	0.15	758852	1

LOCKING FACILITIES

Position locking devices for hand and motor operated mechanism.
With cylindrical lock

Type y1 ON and OFF push-button locked key removable in both positions	-	758853	1
Type y2 ON push-button locked key removable in both positions	-	758854	1
Type y3 ON push-button locked key removable in both positions	-	On request	1
Type y7 ON and OFF push-button locked key removable when locked	-	758855	1
Type y8 ON push-button locked key removable when locked	-	758856	1
Type y9 ON push-button locked key removable when locked	-	On request	1

For 3 padlocks

Type y4 ON and OFF push-button locked	-	758857	1
Type y5 ON push-button locked	-	758858	1
Type y6 ON push-button locked	-	On request	1

Sealing cover type p


Protection against unauthorized actuation of ON and OFF push-button	-	758859	1
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ACCESSORIES

Clear cover for trip unit type k For trip unit bse 3/4-x rms	-	564243	1
Door adjustment frame type ü Compensation of tolerances between door cutout and front cover	-	758860	1
Sealing kit type d Mounting kit to achieve IP54 in door cutout, for pumping handle and trip unit cover	-	758860	1
Door interlock type q Prevents opening of door when circuit breaker is closed (fixed version only)	0.3	758862	1
Angular spacer For rear mounting in combination with vertical termination (2 pieces required)	-	758863	1
Bowden wire interlock type g1 Mounting kit for mechanical interlock of 2 circuit breakers (fixed version), supplementary provide electrical interlock	-	758864	1
Ceramic inserts For arc chutes to reduce clearance distances (only for range S1 and H 500V) Frame sizes 10 ... 30	-	758840	1
Frame size 40	-	758841	1
Test set type P107 for electronic trip unit type bse3/4-X	-	758349	1
Test set type P107 rms for electronic trip unit type bse3/4-X rms	-	789999	1

Order codes

Withdrawable technique - Cradles for series ME & MET, 3&4 poles

	Cradle for circuit breaker type	Cradle type	Shortcircuit capacity kA	Termination	kg	Ref. No.	Pack.	
Conversion kit for circuit breaker	ME367 to ME1257 3 and 4 pole				1	758296	1	
	ME1607 to ME3207 3 and 4 pole				1	759547	1	
	ME4007 3 pole				38	758298	1	
	ME4007 4 pole				45	759548	1	
	M54007 3 pole				58	758300	1	
 <p>3P</p> <p>Cradle provided with personnel protection by positively activated shutter, positive mechanical indication of functional position of breaker.</p> <p>ME637 to 3207: Integrated telescopic extension rails, padlocking facility against insertion of cranking handle, 3 socket connectors = 48 contacts for control circuit connection.</p> <p>In version "v" and "k" the terminals are accessible from the front.</p> <p>ME4007 to 6307: 50 control circuit contacts</p> <p>Terminals are accessible from the front.</p>	ME367 to 1007 S1,N	T10v1	105	Upper and lower vertical	40	759305	1	
	ME637 to 1257 H,S1,N	T10v2	176	Upper and lower vertical	40	758241	1	
	ME1607 H, S1, N	T20v1	220	Upper and lower vertical	47	758242	1	
	ME2007 H, S1, N	T20v2	220	Upper and lower vertical	47	758243	1	
	ME2507 H, S1, N	T30v	220	Upper and lower vertical	55	758244	1	
	ME3207 H, S1, N	T40v	220	Upper and lower vertical	80	758245	1	
	ME637 to 1007 S1,N	T10w1	105	Upper and lower horizontal	40	758250	1	
	ME637 to 1257 H,S1,N	T10w2	176	Upper and lower horizontal	40	758251	1	
	ME1607 H, S1, N	T20w1	220	Upper and lower horizontal	47	758252	1	
	ME2007 H, S1, N	T20w2	220	Upper and lower horizontal	47	758253	1	
	ME2507 H, S1, N	T30w	220	Upper and lower horizontal	55	758254	1	
	ME3207 H, S1, N	T40w	220	Upper and lower horizontal	80	758255	1	
	ME4007 S	T50	220	Upper and lower horizontal	80	759544	1	
	ME5007 S	T60	220	Upper and lower horizontal	65	759545	1	
	ME6307 S	T70	220	Upper and lower horizontal	80	758054	1	
	ME637 to 1007 S1,N	T10k1	105	Upper horizontal, lower vertical	40	758260	1	
	ME637 to 1257 H,S1,N	T10k2	176	Upper horizontal, lower vertical	40	758261	1	
	ME1607 H, S1, N	T20k1	220	Upper horizontal, lower vertical	47	758262	1	
	ME2007 H, S1, N	T20k2	220	Upper horizontal, lower vertical	47	758263	1	
	ME2507 H, S1, N	T30k	220	Upper horizontal, lower vertical	55	758264	1	
	ME3207 H, S1, N	T40k	220	Upper horizontal, lower vertical	80	758265	1	
	4P	ME637 to 1007 S1, N	T10v1/IV	105	Upper and lower vertical	48	758270	1
		ME637 to 1257 H,S1,N	T10v2/IV	176	Upper and lower vertical	48	758271	1
		ME1607 H, S1, N	T20v1/IV	220	Upper and lower vertical	55	758272	1
		ME2007 H, S1, N	T20v2/IV	220	Upper and lower vertical	55	758273	1
		ME2507 H, S1, N	T30v/IV	220	Upper and lower vertical	58	758274	1
		ME3207 H, S1, N	T40v/IV	220	Upper and lower vertical	92	759546	1
ME637 to 1007 S1,N		T10w/IV	105	Upper and lower horizontal	48	758280	1	
ME637 to 1257 H,S1,N		T10w2/IV	176	Upper and lower horizontal	48	758281	1	
ME1607 H, S1, N		T20w1/IV	220	Upper and lower horizontal	55	758282	1	
ME2007 H, S1, N		T20w2/IV	220	Upper and lower horizontal	55	758283	1	
ME2507 H, S1, N		T30w/IV	220	Upper and lower horizontal	58	758284	1	
ME3207 H, S1, N		T40w/IV	220	Upper and lower horizontal	92	758285	1	
ME4007 S		T50w/IV	220	Upper and lower horizontal	65	758286	1	
ME637 to 1007 S1,N		T10k1/IV	105	Upper horizontal, lower vertical	48	758290	1	
ME637 to 1257 H,S1,N		T10k2/IV	176	Upper horizontal, lower vertical	48	758291	1	
ME1607 H, S1, N		T20k1/IV	220	Upper horizontal, lower vertical	55	758292	1	
ME2007 H, S1, N		T20k2/IV	220	Upper horizontal, lower vertical	55	758293	1	
ME2507 H, S1, N		T30k/IV	220	Upper horizontal, lower vertical	58	758294	1	
ME3207 H, S1, N		T40k/IV	220	Upper horizontal, lower vertical	92	758295	1	

Type ME5007S/IV, 5000A withdrawable breaker on request.

Order codes

Withdrawable technique - Accessories for cradle

POSITION INDICATION SWITCH	Description	Ref. No.	Pack.
	Alternatively for indication of disconnected-, test- and connected position		
	Frame sizes 10...40		
	1 switch 1 CO	758302	1
	2 switches 2 CO	758303	1
	3 switches 3 CO	758304	1
	4 switches 4 CO	759549	1
	5 switches 5 CO	759306	1
	6 switches 6 CO	759550	1
	Frame sizes 50...70		
	1 switch 2 NO, 2 NC	759551	1
	2 switches 4 NO, 4 NC	759552	1
	3 switches 6 NO, 6 NC	759553	1
	4 switches 8 NO, 8 NC (only frame sizes 50...60)	759554	1
DOOR INTERLOCKS			
	Prevents door opening when circuit breaker is in ON and TEST position		
	Frame sizes 10...40		
	Type Ily		
	Door (hinged left side) defeatable	758308	1
	Type Iln		
	Door (hinged left side) not defeatable	758309	1
	Type Iry		
	Door (hinged right side) defeatable	758310	1
	Type Irm		
	Door (hinged right side) not defeatable	758311	1
	Frame sizes 50...70		
	Type ly		
	Door defeatable	760323	1
	Type ln		
	Door not defeatable	760324	1
LOCKING FACILITY TYPE WI			
	Cradle provided with cylindrical lock against insertion of cranking handle		
	Frame sizes 50...70	758312	1
LOCKING FACILITY TYPE WI			
	Mechanical interlock against insertion of cranking handle when circuit breaker is in ON position		
	Frame sizes 50...70	758313	1

Withdrawable technique - Accessories for circuit breaker

BOWDEN WIRE INTERLOCK TYPE G2	Description	Ref. No.	Pack.
	Mounting kit for mechanical interlock of 2 circuit breakers		
	Supplementary provide an electrical interlock		
	Frame size 10...40	758314	1
	Frame size 50...70	758325	1
EXTENSION RAIL FOR CRADLE			
	Frame sizes 50...70	760326	1

Order codes

Replacement parts

		Description	Suitable for circuit breaker	kg	Ref. No.	Sets per pole	
Contacts	Set of main contacts ⁽¹⁾	ME637 to 1257 H, S1		1.5	750351	1	
		ME1607 TO 2507 H, S1		2.1	750352	1	
		ME2507 H, S1		2.9	750353	1	
		ME3207 H, S1		4.2	750352	2	
		ME3207 H, S1/IV Neutral pole		2.1	750352	1	
		ME4007 S, 3 + 4 pole		0.6	846080 R10	3	
		ME5007 S, 3 pole		0.6	846080 R8	4	
		ME5007 S, 4 pole		0.6	846080 R12	4	
		ME6307 S, 3 pole		0.6	846080 R11	4	
	Set of arcing contacts ⁽¹⁾ applicable up to 690V AC and 750 V DC	ME637 to 1257 H, S1		0.2	758350	1	
		ME1607 to 2507 H, S1		0.2	758350	2	
		ME3207 H, S1		0.2	758350	4	
		ME3207 H, S1/IV Neutral pole		0.2	758350	2	
		ME4007 S		0.2	759287	3	
		ME5007 to 6307 S		0.2	759287	4	
	Set of arcing contacts ⁽¹⁾ applicable up to 1000V AC 1200V/1500V DC	ME637 to ME1257H, MEG1257				Please refer to spare part catalogue	1
		ME1607 to ME2007H, MEG2007					1
		ME3207H, MEG3207					2
		ME4007S, MEG4007					3
		MEG50007S					4
		MEG6307S					4
	Arc chutes	Arc chute without ceramic inserts, applicable up to 500V AC	ME637 to 1257 H, S1, N		2.4	760608	1
			ME1607 to 2007 H, S1, N		2.6	760609	1
			ME2507 H, S1, N		3.7	760610	1
ME3207 H, S1, N				2.6	760609	2	
ME3207 H, S1/IV Neutral pole				2.6	760609	1	
Arc chute with ceramic inserts, applicable up to 690V AC		ME637 to 1257 H, S1		2.6	760575	1	
		ME1607 to 2007 H, S1		2.8	760576	1	
		ME2507 H, S1		3.9	760577	1	
		ME3207 H, S1		2.8	760576	2	
		ME3207 H, S1/IV Neutral pole		2.8	760576	1	
Arc chute applicable up to 690V AC		ME4007 S, ME4007S/IV		2.0	758347	3	
		ME5007... 6307S		2.0	758347	4	
Arc chute adaptor applicable up to 1000V AC, 1200V/1500V DC		ME637 to ME1257H, MEG1257				Please refer to spare part catalogue	1
		ME1607 to ME2007H, MEG2007					1
		ME3207H, MEG3207					2
		ME4007S, MEG4007					3
		MEG5007					4
		MEG6307					4
Arc chute heightend applicable up to 1000V AC, 1200V/1500V DC		ME637 to ME1257H, MEG1257				Please refer to spare part catalogue	1
		ME1607 to ME2007H, MEG2007					1
		ME3207H, MEG3207					2
		ME4007, MEG4007					3
		MEG5007S					4
		MEG6307S					4

(1) Set consists all fitting parts, e.g. fixed and movable contacts, contact springs and screws