

KCM5-160 Series



TECHNICAL DATA

Number of poles : 3P and 4P
Rated current (In) : 25A-160A
Rated operational voltage (Ue) : 400 V AC
Rated insulation voltage (Ui) : 1000 V AC
Rated impulse withstand voltage (Uimp) : 8 kV
Thermal adjustable range(Ir): 0.8-1.0In
Rated frequency : 50/60 Hz
Reference temperature : +40°C or +55 °C
Type of release: Thermo-magnetic
Utilization category: A
Conformity standard : IEC 60947-2

KCM5-160H		
Icu(400V)=25kA Ics(400V)=18kA		
Rated current (In)	Cat. Nos.	
	3P	4P
25A	432 01	432 21
32A	432 02	432 22
35A	432 03	432 23
40A	432 04	432 24
50A	432 05	432 25
63A	432 06	432 26
70A	432 07	432 27
80A	432 08	432 28
90A	432 09	432 29
100A	432 10	432 30
125A	432 11	432 31
140A	432 12	432 32
150A	432 13	432 33
160A	432 14	432 34

KCM5-250 Series



TECHNICAL DATA

Number of poles : 3P and 4P
Rated current (In) : 125A-250A
Rated operational voltage (Ue) : 400 V AC
Rated insulation voltage (Ui) : 1000 V AC
Rated impulse withstand voltage (Uimp) : 8 kV
Thermal adjustable range(Ir): 0.8-1.0In
Rated frequency : 50/60 Hz
Reference temperature : +40°C or +55 °C
Type of release: Thermo-magnetic
Utilization category: A
Conformity standard : IEC 60947-2

KCM5-250H		
Icu(400V)=25kA Ics(400V)=18kA		
Rated current (In)	Cat. Nos.	
	3P	4P
125A	434 01	434 11
140A	434 02	434 12
150A	434 03	434 13
160A	434 04	434 14
175A	434 05	434 25
180A	434 06	434 26
200A	434 07	434 27
225A	434 08	434 28
250A	434 09	434 29



FOR OTHER VERSIONS:
Please consult ONESTO or local distributor.

KCM5-400 Series



TECHNICAL DATA

Number of poles : 3P and 4P
Rated current (In) : 250A-400A
Rated operational voltage (Ue) : 400 V AC
Rated insulation voltage (Ui) : 1000 V AC
Rated impulse withstand voltage (Uimp) : 8 kV
Thermal adjustable range(Ir): 0.8-1.0In
Rated frequency : 50/60 Hz
Reference temperature : +40°C or +55 °C
Type of release: Thermo-magnetic
Utilization category: A
Conformity standard : IEC 60947-2

Rated current (In)	Cat. Nos.	
	3P	4P
250A	435 11	435 21
280A	435 12	435 22
300A	435 13	435 23
315A	435 14	435 24
350A	435 15	435 25
400A	435 16	435 26

KCM5-630 Series



TECHNICAL DATA

Number of poles : 3P and 4P
Rated current (In) : 250A-630A
Rated operational voltage (Ue) : 400 V AC
Rated insulation voltage (Ui) : 1000 V AC
Rated impulse withstand voltage (Uimp) : 8 kV
Thermal adjustable range(Ir): 0.8-1.0In
Rated frequency : 50/60 Hz
Reference temperature : +40°C or +55 °C
Type of release: Thermo-magnetic
Utilization category: A
Conformity standard : IEC 60947-2

Rated current (In)	Cat. Nos.	
	3P	4P
250A	436 11	436 21
280A	436 12	436 22
300A	436 13	436 23
315A	436 14	436 24
350A	436 15	436 25
400A	436 16	436 26
500A	436 17	436 27
630A	436 18	436 28



FOR OTHER VERSIONS:
Please consult ONESTO or local distributor.

KCM5-1250 Series



TECHNICAL DATA

Number of poles : 3P and 4P
Rated current (In) : 630A-1250A
Rated operational voltage (Ue) : 400 V AC
Rated insulation voltage (Ui) : 1000 V AC
Rated impulse withstand voltage (Uimp) : 8 kV
Thermal adjustable range(Ir): 0.8-1.0In
Rated frequency : 50/60 Hz
Reference temperature : +40°C or +55 °C
Type of release: Thermo-magnetic
Utilization category: A
Conformity standard : IEC 60947-2

KCM5-1250H		Icu(400V)=65kA	Ics(400V)=50kA
Rated current (In)	Cat. Nos.		
	3P	4P	
630A	437 11	437 21	
700A	437 12	437 22	
800A	437 13	437 23	
1000A	437 14	437 24	
1250A	437 15	437 25	



FOR OTHER VERSIONS:
Please consult ONESTO or local distributor.

KCM5-AC

Auxiliary contact



AC125V 5A, AC250V 3A, DC125V 0.4A, DC125V 0.2A

Pack	Type	Cat.nos.	Applicable frame
1	KCM5-AC-125	238 11	125
1	KCM5-AC-160	238 12	160
1	KCM5-AC-250	238 13	250
1	KCM5-AC-400	238 14	400
1	KCM5-AC-630	238 15	630
1	KCM5-AC-1250	238 16	1250

* Operate within 70% to 110% of rated voltage.

KCM5-LC

Alarm contact



AC125V 5A, AC250V 3A, DC125V 0.4A, DC125V 0.2A

Pack	Type	Cat.nos.	Applicable frame
1	KCM5-LC-125	238 21	125
1	KCM5-LC-160	238 22	160
1	KCM5-LC-250	238 23	250
1	KCM5-LC-400	238 24	400
1	KCM5-LC-630	238 25	630
1	KCM5-LC-1250	238 26	1250

KCM5-SR

Shunt release



Dc24, DC110 200–277V AC, 380V AC

Pack	Type	Cat.nos.	Applicable frame
1	KCM5-SR-125	238 31	125
1	KCM5-SR-160	238 32	160
1	KCM5-SR-250	238 33	250
1	KCM5-SR-400	238 34	400
1	KCM5-SR-630	238 35	630
1	KCM5-SR-1250	238 36	1250

* Operate within 70% to 110% of rated voltage.

KCM5-UVR

Under voltage release



AC220V, AC240V, AC380V, AC415V

Pack	Type	Cat.nos.	Applicable frame
1	KCM5-UVR-125	238 41	125
1	KCM5-UVR-160	238 42	160
1	KCM5-UVR-250	238 43	250
1	KCM5-UVR-400	238 44	400
1	KCM5-UVR-630	238 45	630
1	KCM5-UVR-1250	238 46	1250

* Operate within 70% to 35% of rated voltage.



FOR OTHER VERSIONS:
Please consult ONESTO or local distributor.

KCM5-EH

Electric operating mechanism



AC230, DC220, AC110, DC110, DC24

Pack	Type	Cat.nos.	Applicable frame
1	KCM5-EH-125	238 51	160
1	KCM5-EH-160	238 52	250
1	KCM5-EH-250	238 53	400
1	KCM5-EH-400	238 54	630
1	KCM5-EH-630	238 55	800
1	KCM5-EH-1250	238 56	1250

KCM5-MH

Manual operating mechanism



Pack	Type	Cat.nos.		Applicable frame
		3P	4P	
1	KCM5-MH-125	238 61	238 71	125
1	KCM5-MH-160	238 62	238 72	160
1	KCM5-MH-250	238 63	238 73	250
1	KCM5-MH-400	238 64	238 74	400
1	KCM5-MH-630	238 65	238 75	630
1	KCM5-MH-1250	238 66	238 76	1250

KCM5-PB

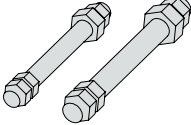
Plug-in base



Pack	Type	Cat.nos.		Applicable frame
		3P	4P	
1	KCM5-PB-125	238 81	238 91	125
1	KCM5-PB-160	238 82	238 92	160
1	KCM5-PB-250	238 83	238 93	250
1	KCM5-PB-400	238 84	238 94	400
1	KCM5-PB-630	238 85	238 95	630
1	KCM5-PB-1250	238 86	238 96	1250

KCM5-BC

Back-board connector



Pack	Type	Cat.nos.	Applicable frame
1	KCM5-BC-125	239 01	125
1	KCM5-BC-160	239 02	160
1	KCM5-BC-250	239 03	250
1	KCM5-BC-400	239 04	400
1	KCM5-BC-630	239 05	630
1	KCM5-BC-1250	239 06	1250

KCM5-TC

Terminal cover



Pack	Type	Cat.nos.		Applicable frame
		3P	4P	
1	KCM5-TC-125	239 11	239 11	125
1	KCM5-TC-160	239 12	239 12	160
1	KCM5-TC-250	239 13	239 13	250
1	KCM5-TC-400	239 14	239 14	400
1	KCM5-TC-630	239 15	239 15	630
1	KCM5-TC-1250	239 16	239 16	1250

KCM5-TB

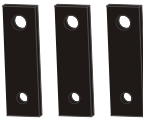
Terminal insulating barrier



Pack	Type	Cat.nos.	Applicable frame
1	KCM5-TB-125	239 21	125
1	KCM5-TB-160	239 22	160
1	KCM5-TB-250	239 23	250
1	KCM5-TB-400	239 24	400
1	KCM5-TB-630	239 25	630
1	KCM5-TB-1250	239 26	1250

KCM5-EC

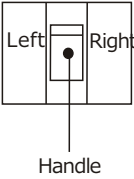
Front extension connector



Pack	Type	Cat.nos.	Applicable frame
1	KCM5-EC-125	239 31	125
1	KCM5-EC-160	239 32	160
1	KCM5-EC-250	239 33	250
1	KCM5-EC-400	239 34	400
1	KCM5-EC-630	239 35	630
1	KCM5-EC-1250	239 36	1250

Applicable for KCM5 series

Model	KCM5-125	KCM5-160	KCM5-250	KCM5-400	KCM5-630	KCM5-1250
Alarm switch						
Shunt release						
Auxiliary switch						
Undervoltage release						
Shunt release, auxiliary switch						
Two groups of auxiliary switch						
Auxiliary switch, undervoltage release						
Shunt release, alarm switch						
Auxiliary switch, alarm switch						
Undervoltage release, alarm switch						
Shunt release, auxiliary switch, alarm switch						
Two groups of auxiliary switch, alarm switch						
Auxiliary switch, undervoltage release, alarm switch						
Two groups of auxiliary switch, shunt release						

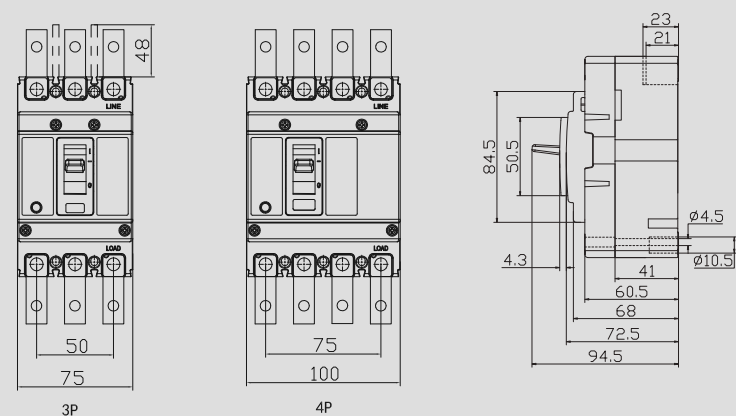


- Alarm switch
- Auxiliary switch
- Shunt release
- Undervoltage release

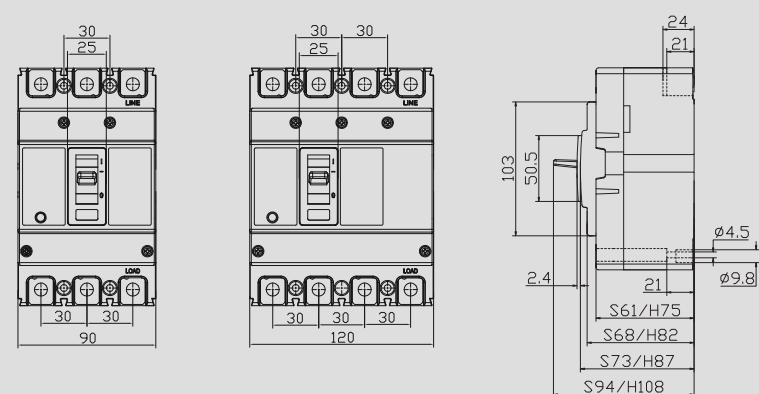


FOR OTHER VERSIONS:
Please consult ONESTO or local distributor.

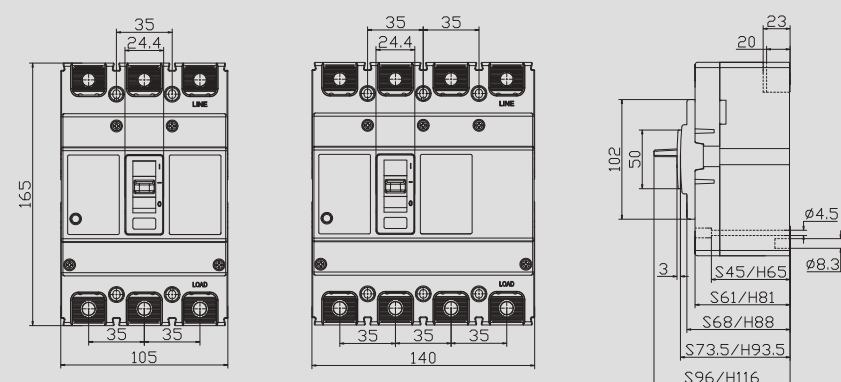
KCM5-125 Series



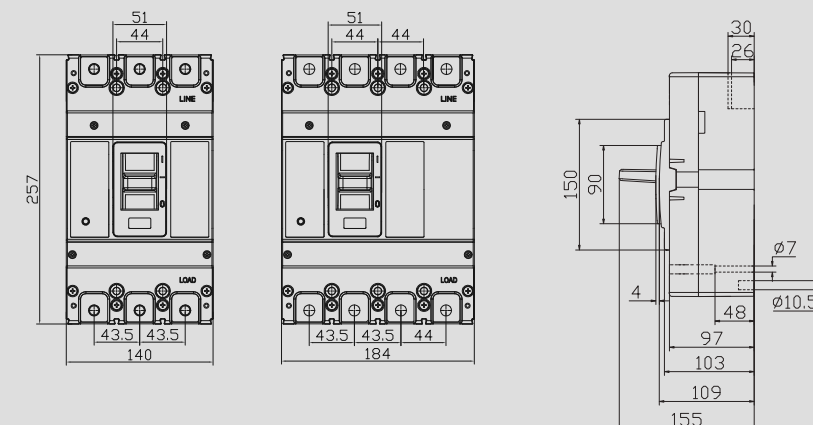
KCM5-160 Series



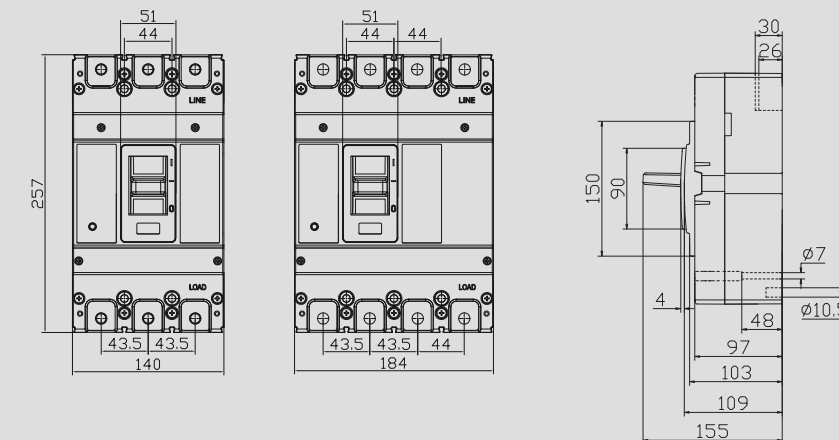
KCM5-250 Series



KCM5-400 Series



KCM5-630 Series



KCM5-1250 Series

