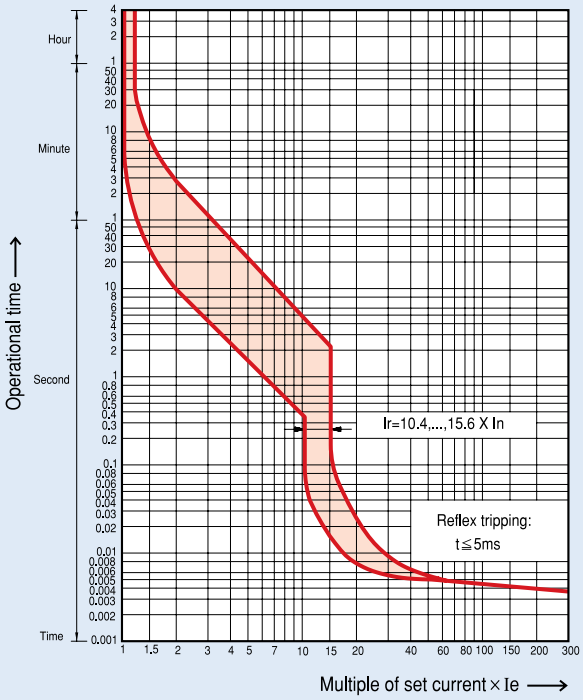
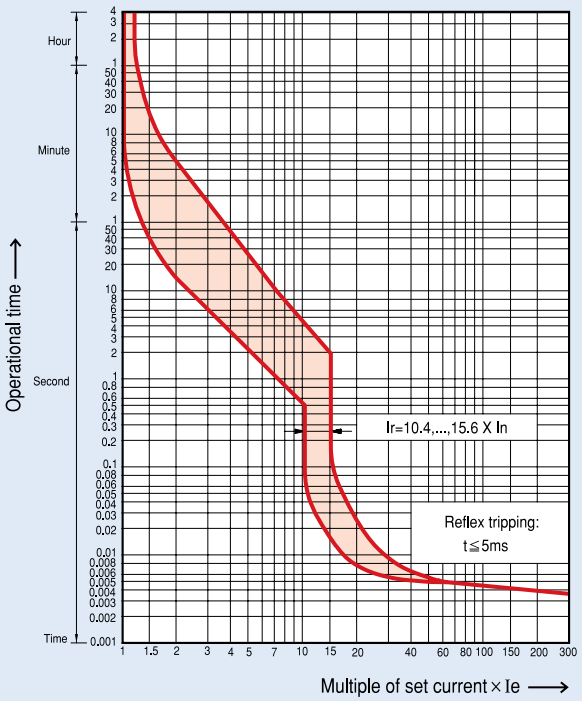
Technical Information

Thermal limit on short circuit for MMS

MMS-32AF
Tripping Curve



MMS-63, 100AF
Tripping Curve



Ⅰ) Thermal release trip current :

The adjustable inverse bimetal trip reliability protects motors against overloads.
The curve shows the mean operating current at an ambient temperature of 20°C starting from cold.
Careful testing and setting ensures effective motor protection even in the case of single-phasing.

Ⅱ) Magnetic release trip current :

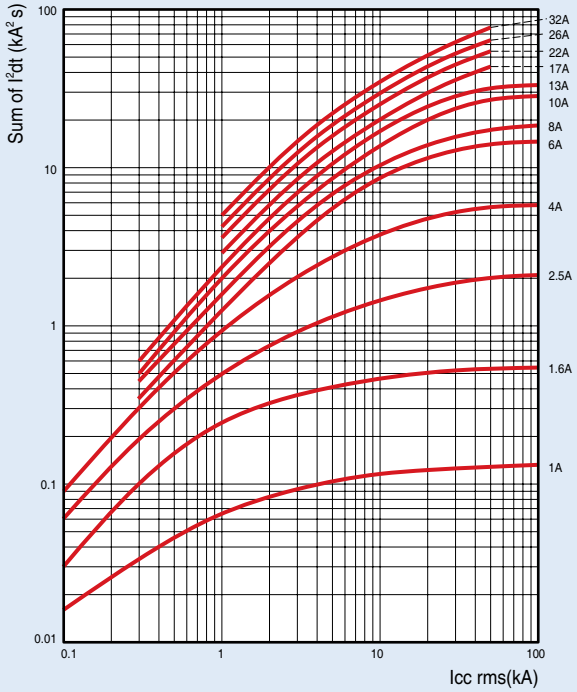
The instantaneous magnetic trip has a fixed operating current setting.
This corresponds to 13times the maximum value of setting range,
at a lower setting it is correspondingly higher.

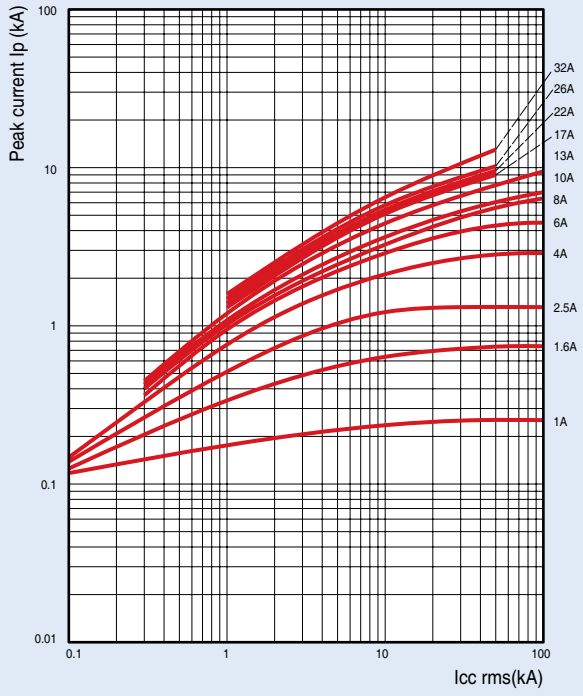
Current setting Ie :

The overload trip corresponds to a thermal overload relay in a motor starter conforming to IEC 947-4-1.
If a different value is prescribed (e.g. reduced Ie for cooling medium having a temperature higher
than 40°C or a place of installation higher than 2000m above sea level),
the setting current is equal to the reduced rated current Ie of the motor.

Thermal limit in kA^2s in the magnetic operating zone (Ue=415V)

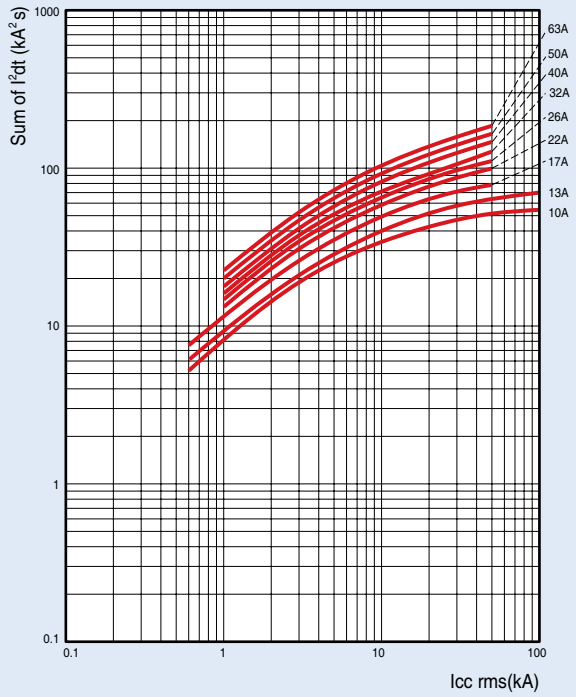
- **MMS-32S/H/HI**

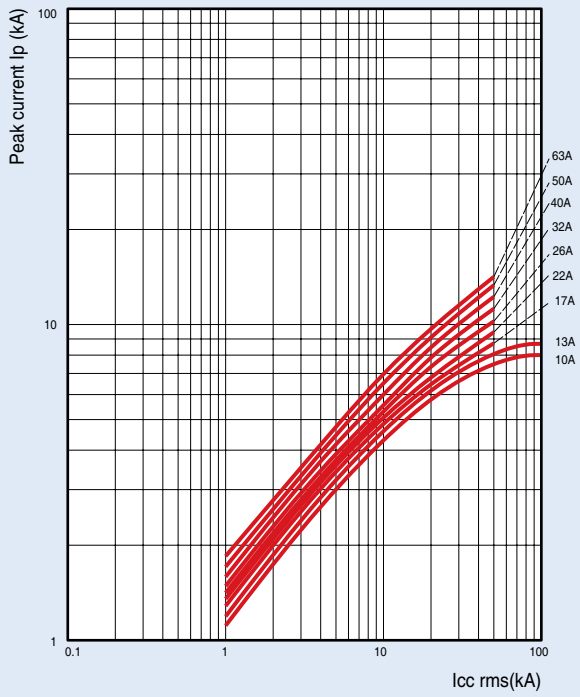




Thermal limit in kA^2s in the magnetic operating zone (Ue=415V)

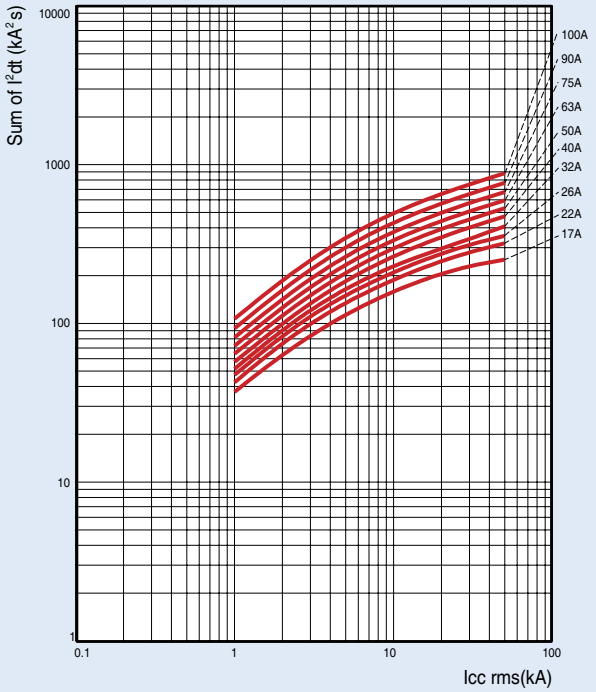
- **MMS-63S/H/HI**

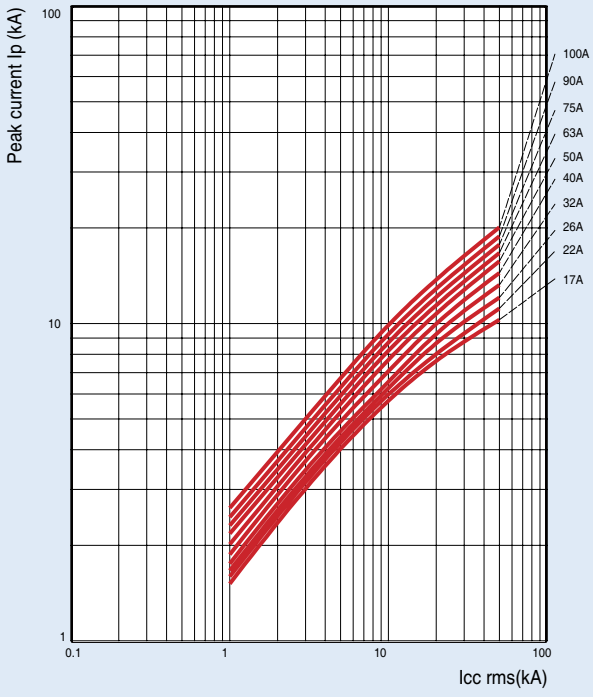




Thermal limit in kA^2s in the magnetic operating zone (Ue=415V)

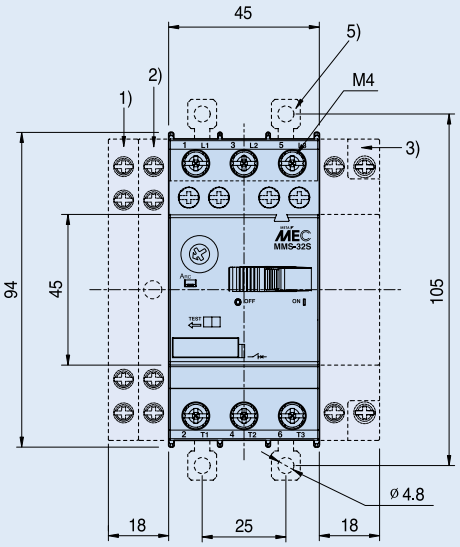
- **MMS-100S/H/HI**

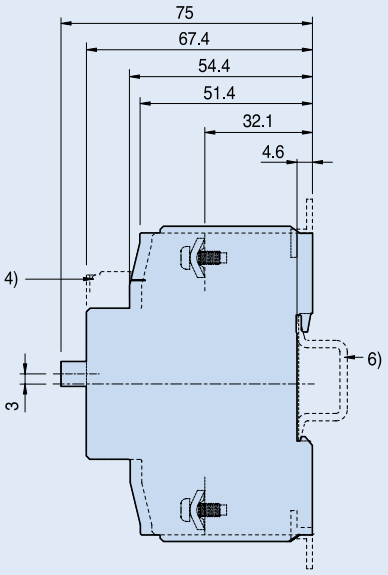




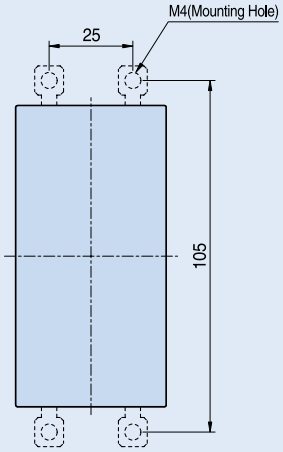
● MMS 32S

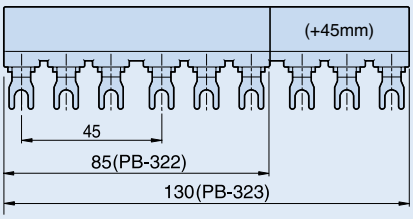
[mm]



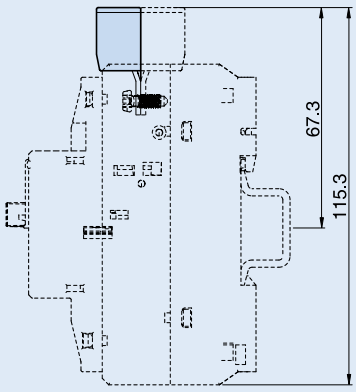


0.32kg





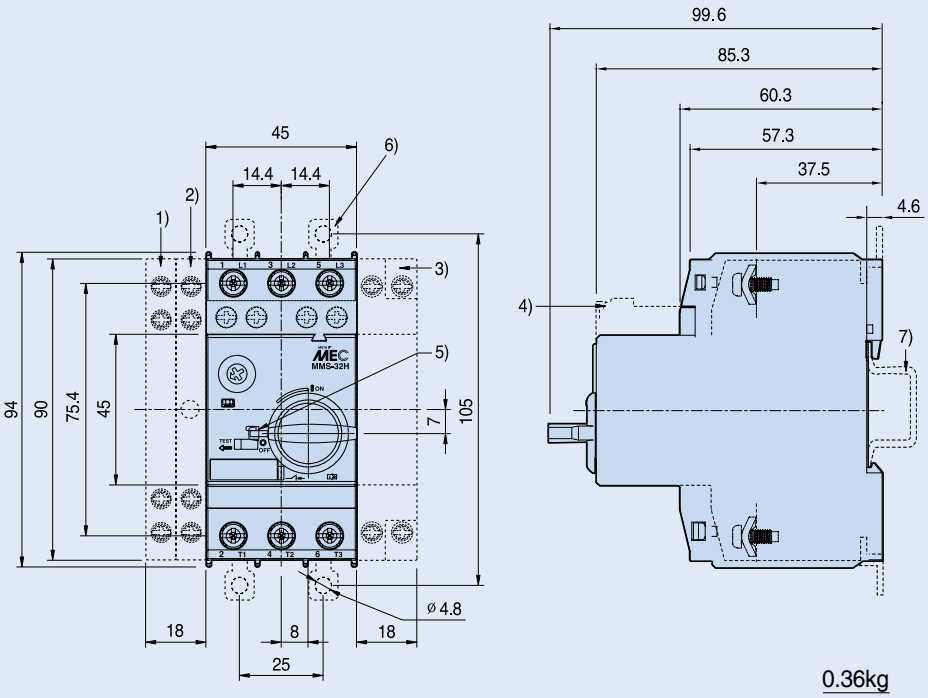
MMS-32S+PB-32(2, 3 Terminal)
PB-322(2 Terminal), PB-323(3 Terminal)
PB-324(4 Terminal), PB-325(5 Terminal)

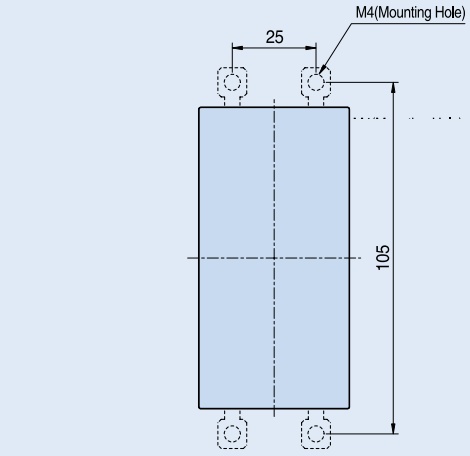


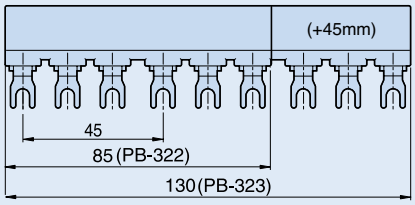
1) Side auxiliary switch
2) Side magnetic trip alarm switch
3) Side shunt release or Side undervoltage release
4) Front auxiliary switch
5) Push-in Lugs for screw mounting
6) 35㎜ standard mounting rail acc. to EN 50 022

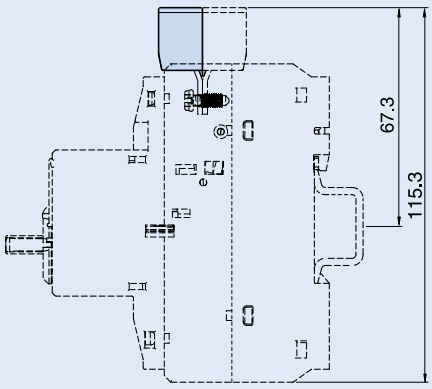
● MMS 32H, 32HI

[mm]







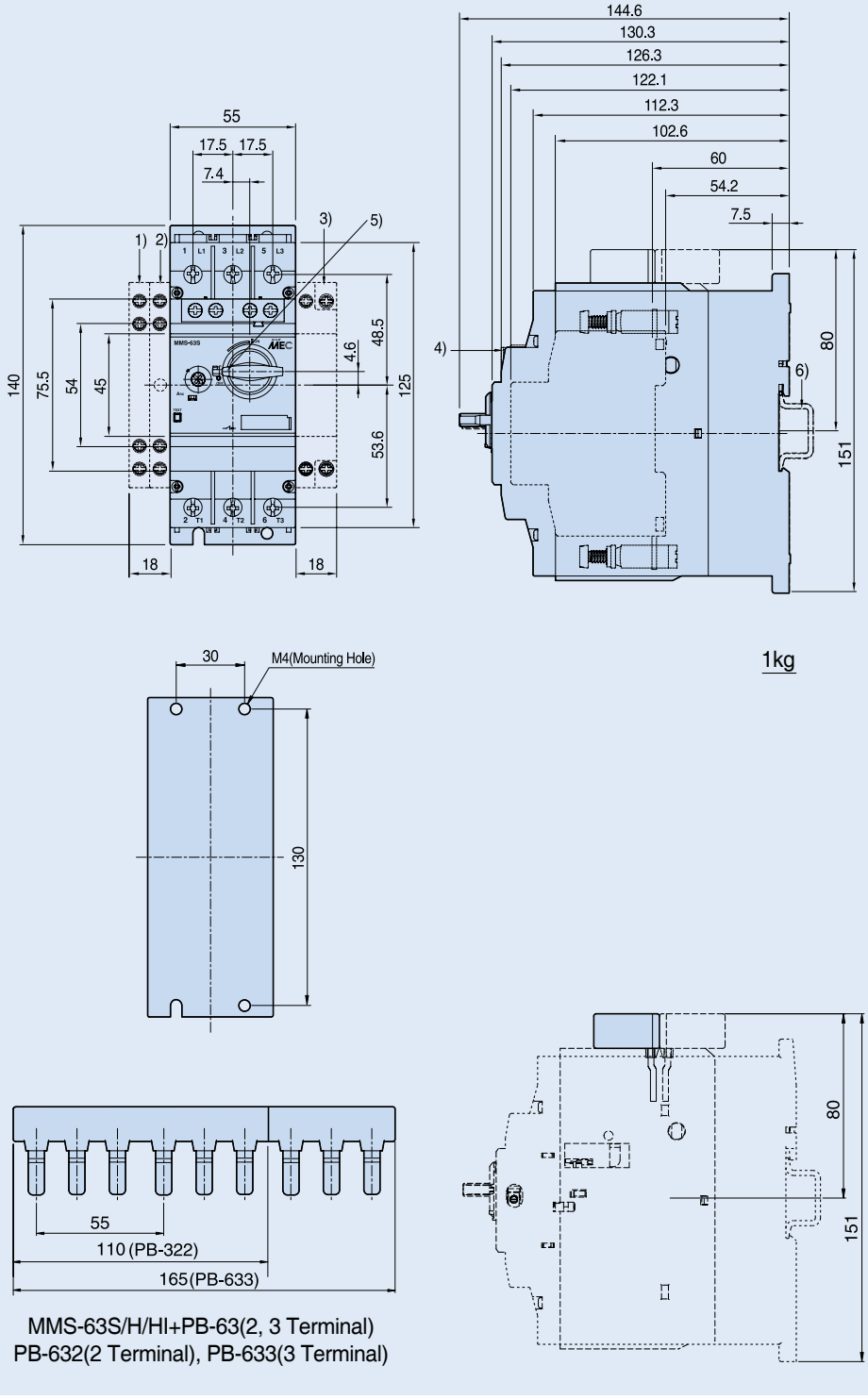


MMS-32H/HI+PB-32(2, 3 Terminal)
PB-322(2 Terminal), PB-323(3 Terminal)
PB-324(4 Terminal), PB-325(5 Terminal)

1) Side auxiliary switch
2) Side magnetic trip alarm switch
3) Side shunt release or Side undervoltage release
4) Front auxiliary switch
5) Handle lock in OFF position(Ø5㎜)
6) Push-in Lugs for screw mounting
7) 35㎜ standard mounting rail acc. to EN 50 022

● MMS 63S, 63H, 63HI

[mm]

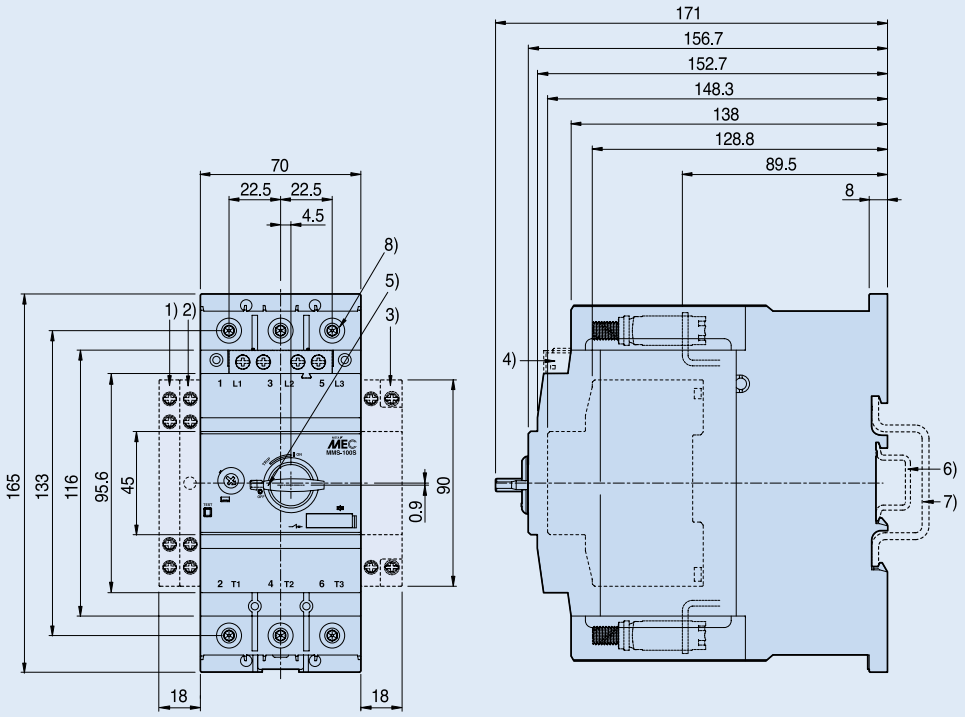


MMS-63S/H/HI+PB-63(2, 3 Terminal)
PB-632(2 Terminal), PB-633(3 Terminal)

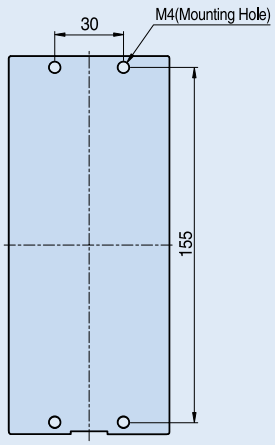
1) Side auxiliary switch
2) Side magnetic trip alarm switch
3) Side shunt release or Side undervoltage release
4) Front auxiliary switch
5) Handle lock in OFF position(Ø5㎜)
6) 35㎜ standard mounting rail acc. to EN 50 022

● MMS 100S, 100H, 100HI

[mm]

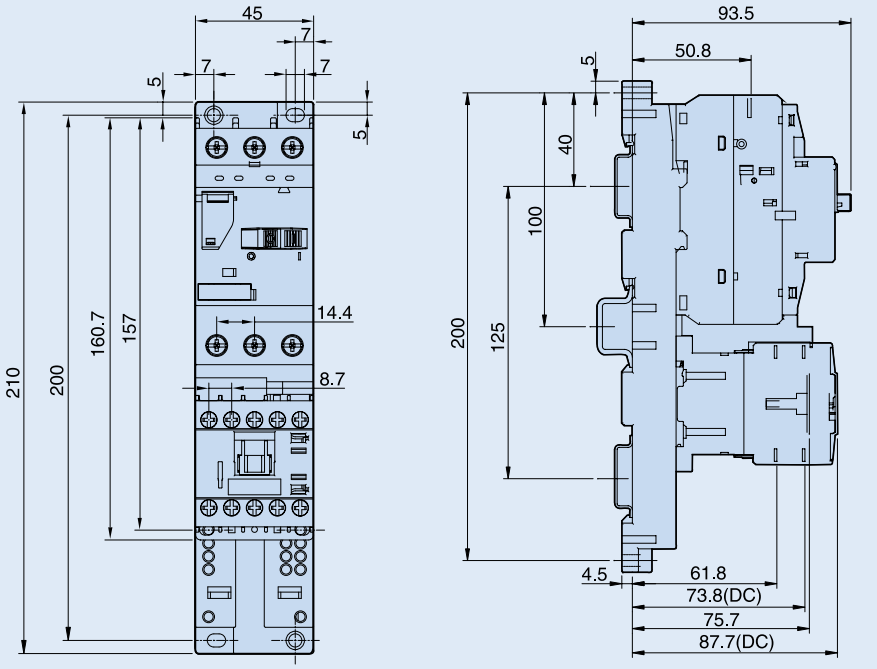


2.2kg

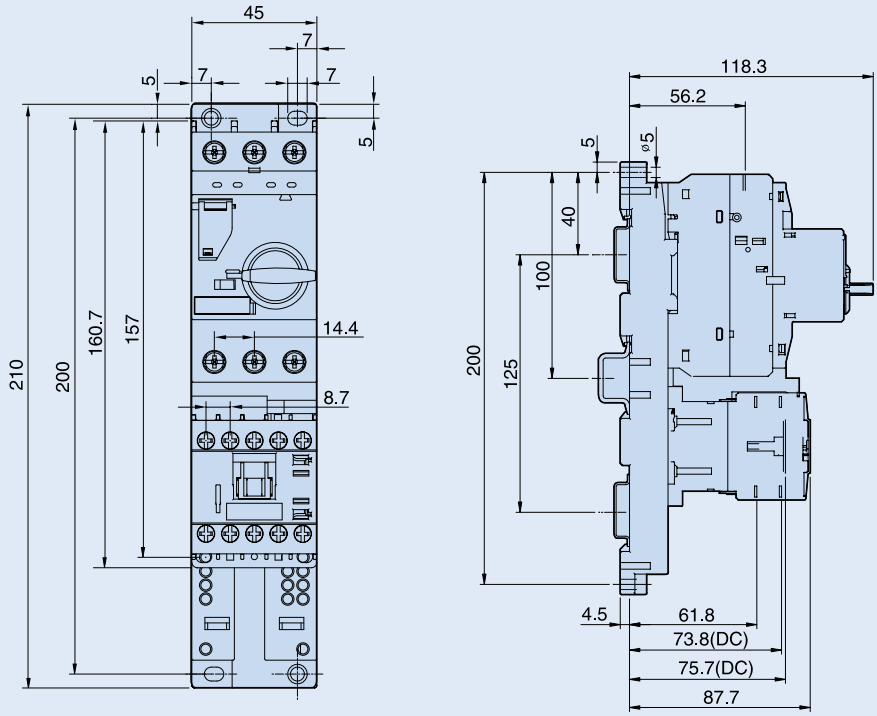


1) Side auxiliary switch
2) Side magnetic trip alarm switch
3) Side shunt release or Side undervoltage release
4) Front auxiliary switch
5) Handle lock in OFF position(Ø5㎜)
6) 35㎜ standard mounting rail acc. to EN 50 022
7) 75㎜ standard mounting rail acc. to EN 50 023
8) 4㎜ hexagon socket screw

● **MMS + Mini-MS** [mm]



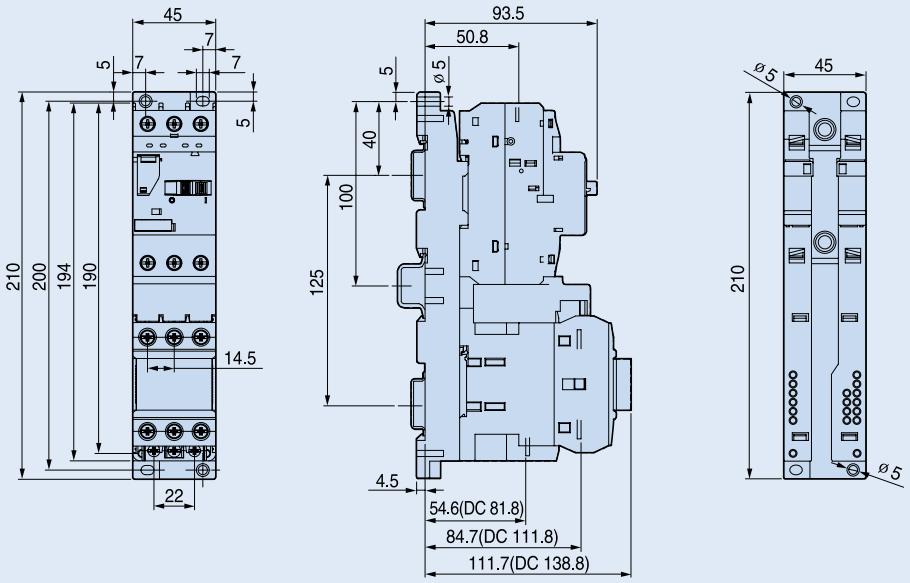
MMS-32S+GMC(D)-6M~16M



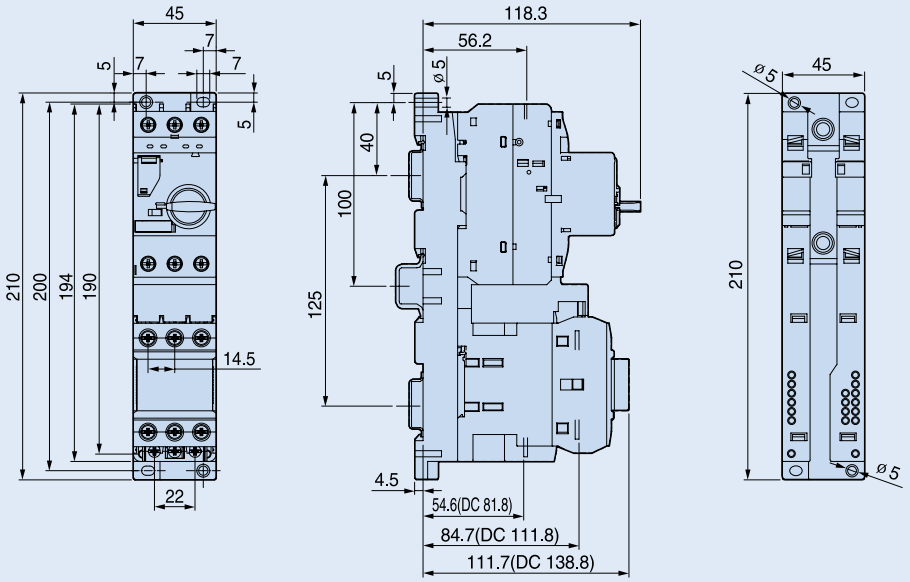
MMS-32H+GMC(D)-6M~16M

● MMS + Susol MC

[mm]

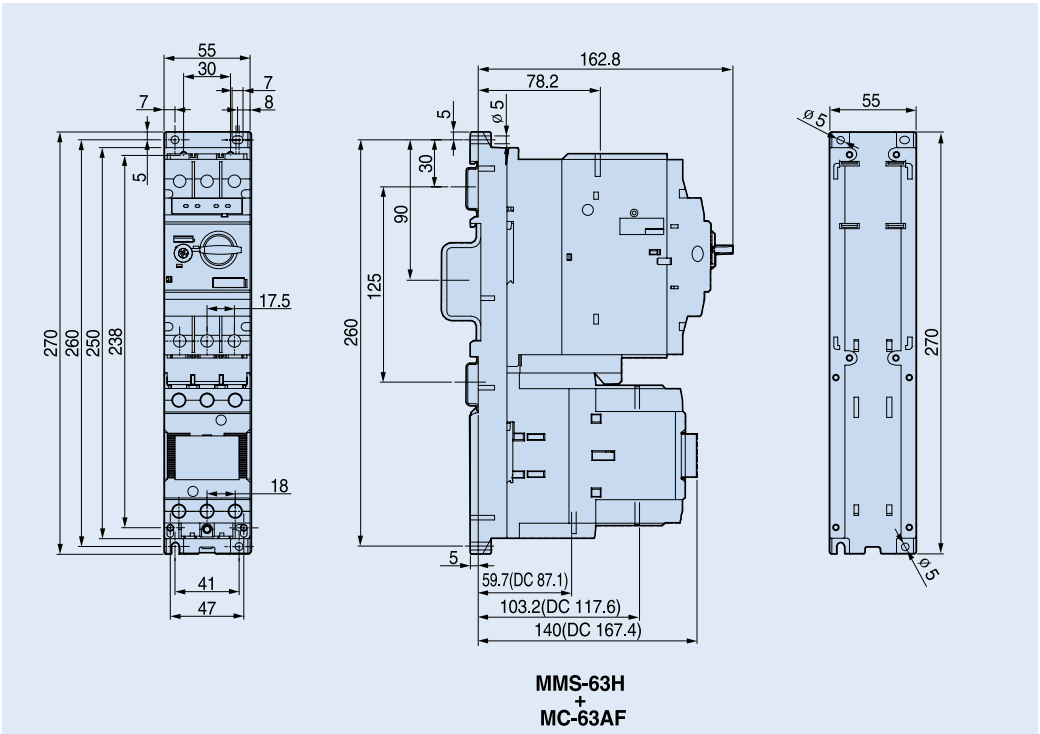


MMS-32S
+
MC-32AF

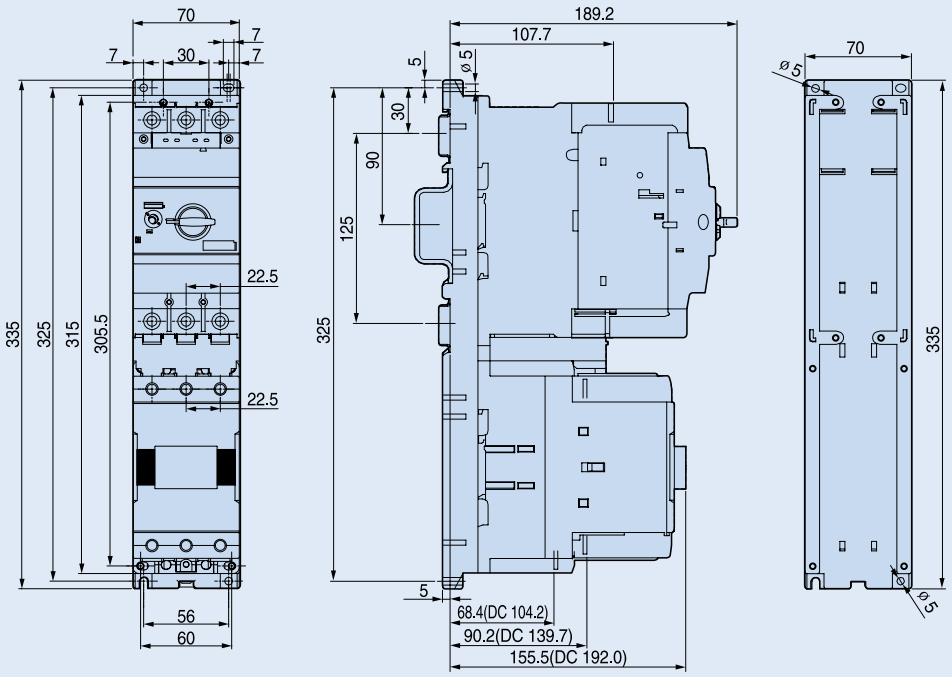


MMS-32H
+
MC-32AF

● **MMS + Susol MC** [mm]



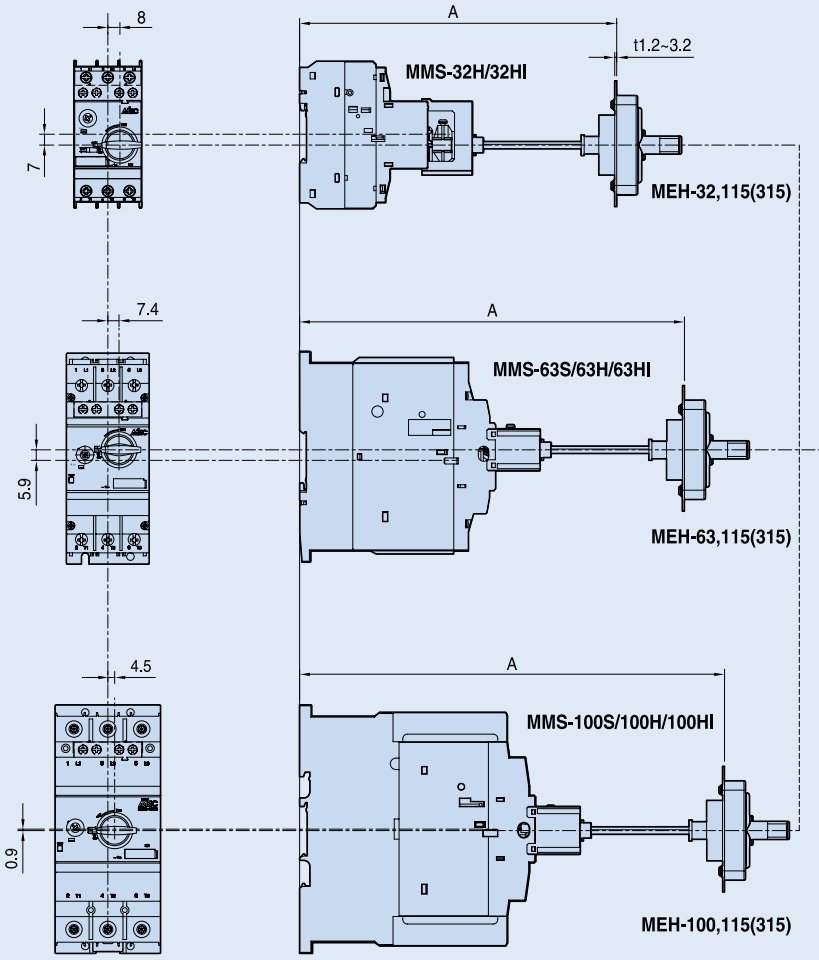
MMS-63H
+
MC-63AF



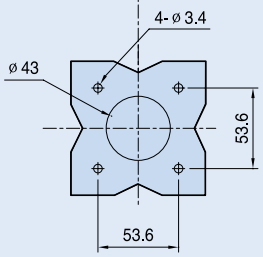
MMS-100H
+
MC-95AF

● E-Handle

[mm]

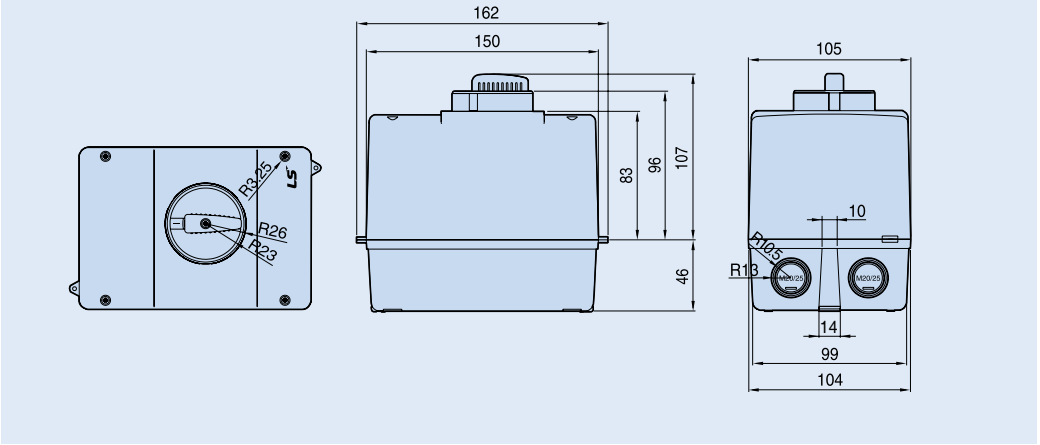


E-Handle Type	A(mm)	MMS Type
MEH-32, 115	min : 148.6	MMS-32H/32HI
	max:210.6(Shaft 115mm)	
MEH-32, 315	min : 148.6	
	max:410.6(Shaft 315mm)	
MEH-63, 115	min : 193.6	MMS-63S/63H/63HI
	max:255.6(Shaft 115mm)	
MEH-63, 315	min : 193.6	
	max:455.6(Shaft 315mm)	
MEH-100, 115	min : 220	MMS-100S/100H/100HI
	max:282(Shaft 115mm)	
MEH-100, 315	min : 220	
	max:482(Shaft 315mm)	

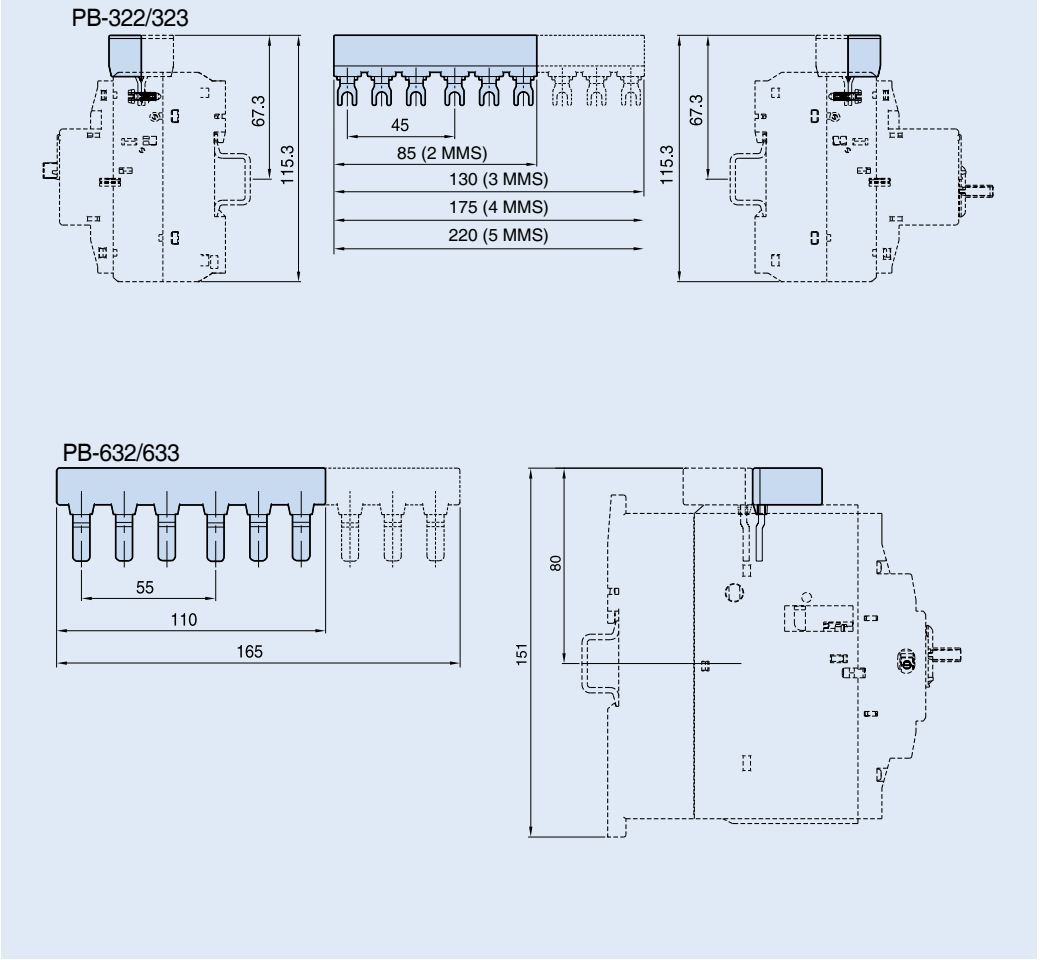


● Enclosure

[mm]



● Phase Bus



Memo