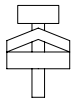
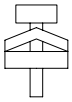
● Auxiliaries

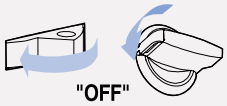
			Auxiliary contacts for front mounting **FX...**		Auxiliary contacts for left side mounting **LX...**		Alarm switch for left side mounting **LA...**	
Rated thermal current / th								
at 40℃ ambient temperature		[A]	5		10		10	
at 60℃ ambient temperature		[A]	3		6		6	
Contact class coordination according to NEMA (UL/CSA-Standards)		AC	A600		A600		A600	
		DC	Q300		Q300		Q300	
Back-up fuses gG, gL		[A]	16		16		16	
Rated supply current		[V]	-	240	24	240	24	240
	AC-15:	[A]	-	3	6	4	6	4
	DC-13:	[V]	24	220	24	220	24	220
		[A]	1	0.1	2	0.25	2	0.25
Weight (g)			18		30		40	
Terminal parts								
Screwdriver					Pozidriv size 2			
Single-core	1.conductor	[㎟] / [AWG]	0.5...2.5 / 20...14		0.5...2.5 / 20...14			
	2.conductor	[㎟] / [AWG]	-		0.5...2.5 / 20...14			
Standard	1.conductor	[㎟] / [AWG]	0.5...4 / 20...10		0.5...4 / 20...10			
	2.conductor	[㎟] / [AWG]	0.75...2.5 / 18...14		0.75...2.5 / 18...14			
Tightening torque		[Nm] / [lb-in]	0.8...1.2 / 7...10		0.8...1.2 / 7...10			

			Undervoltage release for right side mounting **RU...**	Undervoltage release with 2 auxiliary contacts for right side mounting **RUX...**	Shunt release for right side mounting **RS...**
Actuating voltage					
Pull-in			0.7...1.1×Us	0.85...1.1×Us	0.85...1.1×Us
Drop-out				0.7...0.35×Us	0.7...0.35×Us
Rated control voltage					
min.:			24V 50Hz / 28V 60Hz	24V 50Hz / 28V 60Hz	24V 50Hz / 28V 60Hz
max.:			415~440V 50Hz / 460~480V 60Hz	415~440V 50Hz / 460~480V 60Hz	415~440V 50Hz / 460~480V 60Hz
Coil rating					
Pull-in			8.5VA, 6W	8.5VA, 6W	8.5VA, 6W
Hold			3VA, 1.2W	3VA, 1.2W	3VA, 1.2W
Opening time (ms)			-	20	20
Weight (g)			18	30	40
Terminal parts					
Screwdriver				Pozidriv size 2	
Single-core	1.conductor	[㎟] / [AWG]		0.5...2.5 / 20...14	
	2.conductor	[㎟] / [AWG]		0.5...2.5 / 20...14	
Standard	1.conductor	[㎟] / [AWG]		0.5...4 / 20...10	
	2.conductor	[㎟] / [AWG]		0.75...2.5 / 18...14	
Tightening torque		[Nm] / [lb-in]		0.8...1.2 / 7...10	

General data

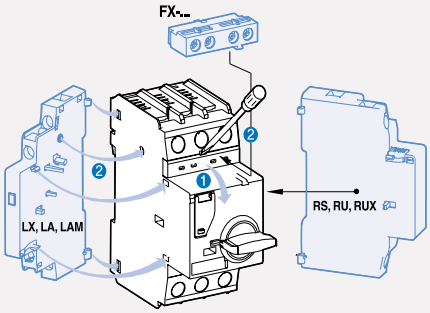
● Installation of auxiliaries

Be sure to turn off the main switch of MMS before any other action.

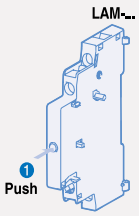


MMS-32S/H/HI

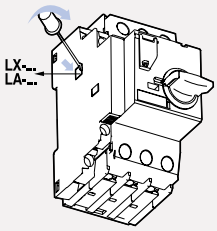
- To install FX remove the cover ① first.
- 2 each of LX can be installed together.
- Only one of auxiliaries among RU, RS and RUX can be mounted on the right side of MMS.
- Do not give trip signal to RS longer than 10 sec.
- Refer to the possible combination chart for the mounting of LX, LA and LAM on left side of MMS.



- Push the trip button before installation of LAM



- Remove the indicated part in the fig. before the additional installation of LX



Separation of auxiliaries from MMS

- be sure to turn off the main switch of MMS before the separation.
- push softly the separation button on the side of the auxiliary and pull it.

