

# Accessories

Manual Motor Starter  
- MMS Series

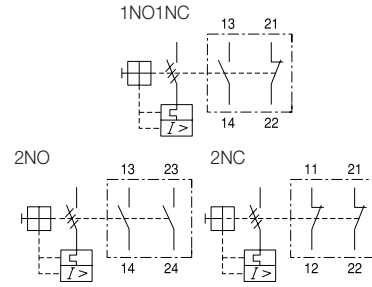


## FX...



### Auxiliary Contacts

Part No.	Poles	Configuration	Mounting
FX-20	2	2NO	Front
FX-11	2	1NO/1NC	Front
FX-02	2	2NC	Front
LX-20	2	2NO	Side
LX-11	2	1NO/1NC	Side
LX-02	2	2NC	Side



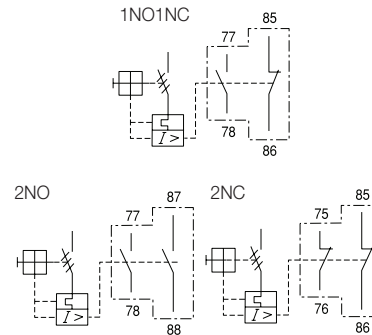
Connection Diagrams FX

## LAM...



### Alarm Contacts

Part No.	Poles	Configuration	Mounting
LA-20	Any Trip	2NO	Side
LA-11	Any Trip	1NO/1NC	Side
LA-02	Any Trip	2NC	Side
LAM-20	Magnetic Trip	2NO	Side
LAM-11	Magnetic Trip	1NO/1NC	Side
LAM-02	Magnetic Trip	2NC	Side



Connection Diagrams LAM

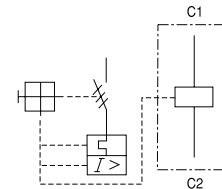
## RS...



### Shunt Trips\*

Part No.	Control Voltage	
	50 Hz	60Hz
RS-28V	24VAC	28VAC
RS-120V	110VAC	120VAC
RS-220V	200VAC	200-220VAC
RS-260V	220-230VAC	240-260VAC
RS-277V	240VAC	277VAC
RS-440V	380-400VAC	440-460VAC
RS-480V	415-440VAC	460-480VAC

\*cannot be used with RU or RUX



Connection Diagrams RS

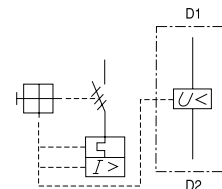
## RU...



### Undervoltage Trips\*\*

Part No.	Control Voltage	
	50 Hz	60Hz
RU-28V	24VAC	28VAC
RU-120V	110VAC	120VAC
RU-220V	200VAC	200-220VAC
RU-260V	220-230VAC	240-260VAC
RU-277V	240VAC	277VAC
RU-440V	380-400VAC	440-460VAC
RU-480V	415-440VAC	460-480VAC

\*\*cannot be used with RS or RUX



Connection Diagrams RU

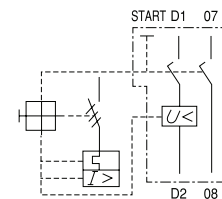
## RUX...



### Undervoltage Trips with Switches\*\*\* includes 2NO Auxiliary Contacts

Part No.	Control Voltage	
	50 Hz	60Hz
RUX-28V	24VAC	28VAC
RUX-120V	110VAC	120VAC
RUX-220V	200VAC	200-220VAC
RUX-260V	220-230VAC	240-260VAC
RUX-277V	240VAC	277VAC
RUX-440V	380-400VAC	440-460VAC
RUX-480V	415-440VAC	460-480VAC

\*\*\*cannot be used with RS or RU



Connection Diagrams RUX

# Accessories

Manual Motor Starter  
- MMS Series



UL508 Type E  
E252942

**Altech Corp.**®

## Extended Handles

- Lockable in ON/ OFF position
- IP65 protection



Part No.	MMS-Type	Shaft Length
MEH-32-115	MMS-32H	115mm (4.53in.)
MEH-32-315	MMS-32H	315mm (12.4in.)
MEH-63-115	MMS-63H	115mm (4.53in.)
MEH-63-315	MMS-63H	315mm (12.4in.)
MEH-100-115	MMS-100H	115mm (4.53in.)
MEH-100-315	MMS-100H	315mm (12.4in.)

## Busbars



Part No.	MMS Type	No, MMS	Rated Current
PB-322	MMS-32H	2	63A
PB-323	MMS-32H	3	63A
PB-632	MMS-63H	2	108A
PB-633	MMS-63H	3	108A

## Insulation Cap

Part No.	Busbar Type
PBPC-32	PB-32x
PBPC-63	PB-63x



## Insulated Enclosure

- IP65 protection

Part No.	MMS Type
EPH-32	MKMS-32H



Dial Cover

## Dial Cover

to protect set value  
from unintended operation  
(for all types)

Part No.
DIAL COVER



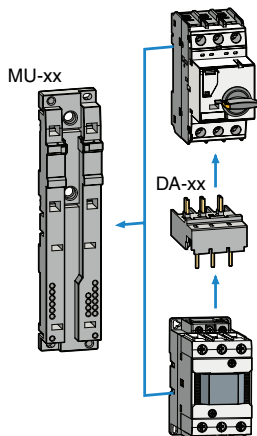
## Insulation Barrier

to increase creepage  
and clearance distance  
(for MMS-100H only)

Part No.
IB100

## Direct Adapters and Mounting Units

- Connect MMS directly with Metasol or Mini Contactor
- Type F combination Motor Controllers consisting of Type E MMS device with MC Series contactor



Part No.	MMS Type	Combined Contactor Type	Mounting Unit
DA-16HA	MMS-32H	Mini Contactor GMC-6M...12M AC	MU-45
DA-16HD	MMS-32H	Mini Contactor GMC-6M...12M AC	MU-45
DA-22HA	MMS-32H	MC-9B...22B AC	MU-45
DA-22HD	MMS-32H	MC-9B...22B DC	MU-45
DA-32HA	MMS-32H	MC-32A...40A AC	MU-45
DA-32HD	MMS-32H	MC-32A...40A DC	MU-45
DA-63A	MMS-63H	MC-50A...65A AC	MU-55
DA-63D	MMS-63H	MC-50A...65A DC	MU-55
DA-95A	MMS-100H	MC-75A...100A AC	MU-70
DA-95D	MMS-100H	MC-75A...100A DC	MU-70