MECHANISMS

AC, Printed &Electronic Mechanisms

Data Specification 2024

AUSTRALIA WIDE DELIVERY
Expedited delivery to all states in Australia

SAME DAY DISPATCH
Orders prior to 12PM will be dispatched the same day

5 YEAR WARRANTY
You can get a trusted 5 Year In House Warranty with CSG

[DESCRIPTION]

AC MECHANISMS

Connected Switchgear offers a variety of mechanisms to complement our range of socket outlets and wall switches - AC, data, phone, audio, and printed just to name a few. All Connected Switchgear mechanisms are interchangeable across our entire range of product.*

[FEATURES]

- Polycarbonate Material
- Brass Terminal Screws
- Silver/Nickel Switch Contacts
- Ratings of 250V AC 10AX, 16AX, 25A and 32A
- Available in Black and White
- Interchangeable with all Connected Switchgear switch plates*

[TECHNICAL PARAMETERS]

- Rated Voltage: 250V AC
- Rated Frequency: 50/60Hz
- Complies with:
  AS/NZS 3112:2013+A1-2
  AS/NZS 3100:2017+A1-3
  AS/NZS 3133:2013

[APPROVALS]

- SAA Approved

[IMAGES]


MHDMI


M25S


CAT6

M163P

M2W32F-OV


MNR


TVCP


MRCARR

*32A mechanisms are not compatible with B-POD10X BASIX Series Product.

[SPECIFICATIONS]

AC AND INDICATOR MECHANISMS			
Product Code	**Rating (Amps)**	**Description**	**Colour**
M2W10F	10AX	250V AC 1 Way/2Way	WHITE
M2W16F	16AX	250V AC 1 Way/2 Way	WHITE
M2W20F	20AX	250V AC 1 Way/2 Way	WHITE
M10DP	10AX	250V AC Mechanism Double Pole	WHITE
M20DP	20	250V AC Mechanism Double Pole	WHITE
M32DP	32	250V AC Mechanism Double Pole	WHITE
M10INT	10AX	250V AC Intermediate Switching	WHITE
M16BP	16A	250V AC Bell Press Mechanism	WHITE
M16BPK	16A	250V AC Bell Press Mechanism BLANK	WHITE
M25S	25	250V AC Split Mechanism	WHITE
M163P	75VA	250V AC 3 Position Rotary Mechanism	WHITE
M163P-K	-	3 Position Rotary Mechanism DOLLY ONLY	WHITE
MNG	-	240V AC Neon Indicator	GREEN
MNG-12	1	12V DC Neon Indicator	GREEN
MNG-24	-	24V DC Neon Indicator	GREEN
MNR	-	240V AC Neon Indicator	RED
MNR-12	-	12V DC Neon Indicator	RED
MNR-24	-	24V DC Neon Indicator	RED
MNY	-	240V AC Neon Indicator	YELLOW
MNY-12	-	12V DC Neon Indicator	YELLOW
MNY-24	-	24V DC Neon Indicator	YELLOW
M2W10FB	10AX	250V AC 1 Way/2Way	BLACK
M2W16FB	16AX	250V AC 1 Way/2 Way	BLACK
M2W20FB	20AX	250V AC 1 Way/2 Way	BLACK
M10DPB	10AX	250V AC Mechanism Double Pole	BLACK
M20DPB	20	250V AC Mechanism Double Pole	BLACK
M32DPB	32	250V AC Mechanism Double Pole	BLACK
M10INTB	10AX	250V AC Intermediate Mechanism	BLACK
M16BPB	16AX	250V AC Bell Press Mechanism	BLACK
M16BPBK	16AX	250V AC Bell Press Mechanism BLANK	BLACK
M25SB	25	250V AC Split Mechanism	BLACK
M163PB	75VA	250V AC 3 Position Rotary Mechanism	BLACK
M163PB-KB	-	3 Position Rotary Mechanism DOLLY ONLY	BLACK

[SPECIFICATIONS]

PRINTED MECHANISMS			
Product Code	**Rating (Amps)**	**Description**	**Colour**
M2W10F-Z1	10AX	250V AC 1 Way/2Way “ZONE 1”	WHITE
M2W10F-Z2	10AX	250V AC 1 Way/2 Way “ZONE 2”	WHITE
M2W10F-Z3	10AX	250V AC 1 Way/2 Way “ZONE 3”	WHITE
M2W10F-B1	10AX	250V AC 1 Way/2 Way “BEDROOM 1”	WHITE
M2W10F-B2	10AX	250V AC 1 Way/2 Way “BEDROOM 2”	WHITE
M2W10F-B3	10AX	250V AC 1 Way/2 Way “BEDROOM 3”	WHITE
M2W16F-FN	16AX	250V AC 1 Way/2 Way “FAN”	WHITE
M2W16F-HT	16AX	250V AC 1 Way/2 Way “HEAT”	WHITE
M2W16F-LT	16AX	250V AC 1 Way/2 Way “LIGHT”	WHITE
M2W16F-DN	16AX	250V AC 1 Way/2 Way “DAY/NIGHT”	WHITE
M32DP-HP	32AX	250V AC Mechanism Double Pole “HOT PLATE”	WHITE
M32DP-OV	32AX	250V AC Mechanism Double Pole “OVEN”	WHITE
M32DP-RN	32AX	250V AC Mechanism Double Pole “RANGE”	WHITE
M32DP-ST	32AX	250V AC Mechanism Double Pole “STOVE”	WHITE
M32DP-HB	32AX	250V AC Mechanism Double Pole “HOB”	WHITE
M2W10FB-Z1	10AX	250V AC 1 Way/2Way “ZONE 1”	BLACK
M2W10FB-Z2	10AX	250V AC 1 Way/2 Way “ZONE 2”	BLACK
M2W10FB-Z3	10AX	250V AC 1 Way/2 Way “ZONE 3”	BLACK
M2W10FB-B1	10AX	250V AC 1 Way/2 Way “BEDROOM 1”	BLACK
M2W10FB-B2	10AX	250V AC 1 Way/2 Way “BEDROOM 2”	BLACK
M2W10FB-B3	10AX	250V AC 1 Way/2 Way “BEDROOM 3”	BLACK
M2W32FB-HP	32AX	250V AC Mechanism Double Pole “HOT PLATE”	BLACK
M2W32FB-OV	32AX	250V AC Mechanism Double Pole “OVEN”	BLACK
M2W32FB-RN	32AX	250V AC Mechanism Double Pole “RANGE”	BLACK
M2W32FB-ST	32AX	250V AC Mechanism Double Pole “STOVE”	BLACK

AUDIO VISUAL MECHANISMS		
Product Code	**Description**	**Colour**
MHDMI	HDMI Mechanism with Nickel Plating	WHITE
MHDMIB	HDMI Mechanism with Nickel Plating	BLACK
MRCARB	RCA Recessed Mechanism	WHITE/BLACK ID
MRCARBB	RCA Recessed Mechanism	BLACK/BLACK ID
MRCARR	RCA Recessed Mechanism	WHITE/RED ID
MRCARRB	RCA Recessed Mechanism	BLACK/RED ID
MRCARW	RCA Recessed Mechanism	WHITE/WHITE ID
MRCARWB	RCA Recessed Mechanism	BLACK/WHITE ID
MRCARY	RCA Recessed Mechanism	WHITE/YELLOW ID
MRCARYB	RCA Recessed Mechanism	BLACK/YELLOW ID

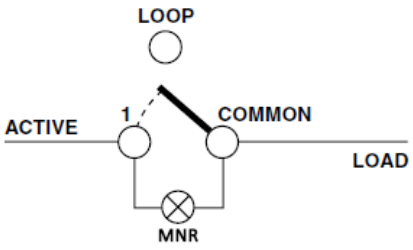
DATA MECHANISMS		
Product Code	**Description**	**Colour**
CAT3P	Cat 3 RJ11/12 Punch Down Type	WHITE
CAT5E	Cat 5E RJ45 Punch Down Type	WHITE
CAT6	Cat 6 RJ45 Punch Down Type	WHITE
CAT3PB	Cat 3 RJ11/12 Punch Down Type	BLACK
CAT5EB	Cat 5E RJ45 Punch Down Type	BLACK
CAT5EMB	Cat 5E RJ45 Punch Down Type	MATTE BLACK
CAT6B	Cat 6 RJ45 Punch Down Type	BLACK
CAT6MB	Cat 6 RJ45 Punch Down Type	MATTE BLACK

TV MECHANISMS		
Product Code	**Description**	**Colour**
TVCP	TV Connector 75Ohm to suit “Pay TV” - F Type to F Type	WHITE
TVSSF	TV Antenna Socket 75 Ohm - PAL to Screw Fix Solderless	WHITE
TVSSFF	TV Antenna Socket 75 Ohm - PAL to F Type	WHITE
TVCPB	TV Connector 75Ohm to suit “Pay TV” - F Type to F Type	BLACK
TVSSFB	TV Antenna Socket 75 Ohm - PAL to Screw Fix Solderless	BLACK
TVSSFFB	TV Antenna Socket 75 Ohm - PAL to F Type	BLACK

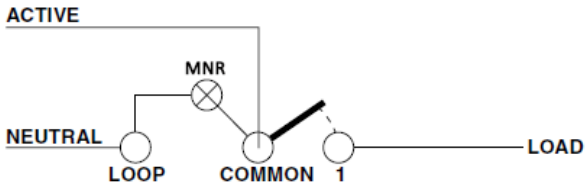
[WIRING DIAGRAM]

NEON INDICATOR
MNR & MNG

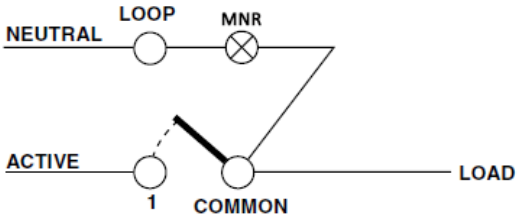
One-Way Neon Indicator



To wire neon "ON" when switch "OFF"

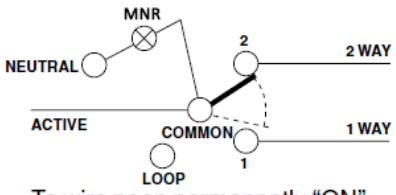


To wire neon permanently "ON"

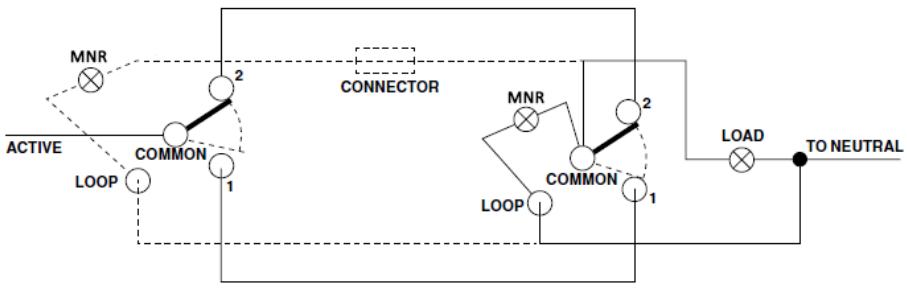


To wire neon "ON" when switch "ON"

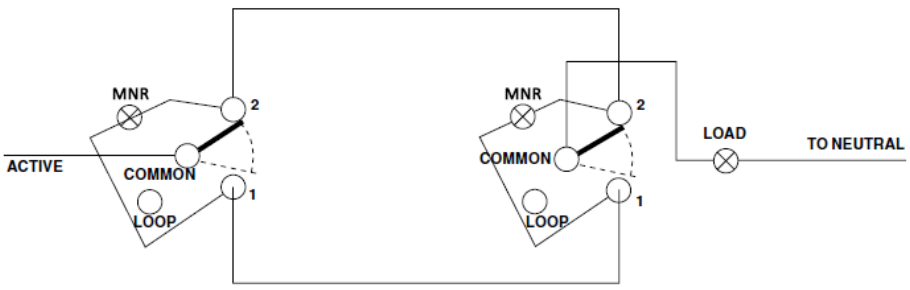
One-Way/Two Way Neon Indicator



To wire neon permanently "ON"



To wire neon "ON" when LOAD "ON"



To wire neon "ON" when LOAD "OFF"

[DESCRIPTION]

RUN ON TIMER MECHANISM

Connected Switchgear's run on timer device is designed for applications where a 240V AC input load device is required to operate for a period of time after the circuit has been switched off. The most suitable application may be washrooms where a switch operating both a luminaire and exhaust fan together is required to turn the light off whilst allowing the fan to continue to operate for a specific time before switching off.

[FEATURES]

- 1 sec - 30 mins Adjustment
- Small and compact

[COMPATIBILITY]

- All load types

[TECHNICAL PARAMETERS]

- Connection Type: 4 Wire
- Supply Voltage: 240V AC
- Frequency: 50Hz
- Max Power Rating: 2400W
- Min Load: 1W
- Operating Temp: 0 to 50°C
- Complies with:
  AS/NZS 60669.2

[APPROVALS]

- Global Mark Approved

[IMAGE]

MRT10

[DESCRIPTION]

ELECTRONIC SWITCH MECHANISMS

Connected Switchgear's range of electronic switch mechanisms are designed to give a modern look and feel across all series of grid plates and covers. Designed with a tactile switch and a blue LED indicator for ease of location in low light areas.

[FEATURES]

- Blue LED Indicator
- Available in Black and White
- Interchangeable with all Connected Switchgear Plates

[COMPATIBILITY]

- Non-dimmable LED lamps
- Incandescent Light Loads
- LV & MV Halogen Light Loads

[TECHNICAL PARAMETERS]

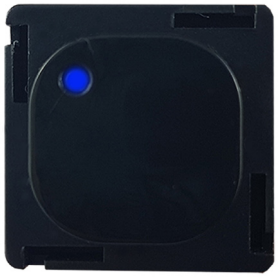
- Rated Voltage: 250V AC
- Rated Frequency: 50Hz
- Operating Temp: -10°C - 50°C
- Max Load: 350VA
- Min Load: 10VA*
- Complies with:
  AS/NZS 60669.1:2013
  AS/NZS 60669.2.1:2013

[APPROVALS]

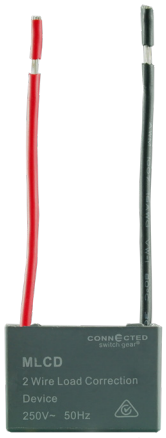
- Global Mark Approved

[IMAGE]

MTS350



MTS350B



MLCD
(Optional)

*NOTE:

1. Certain applications may require a load correction device (MLCD) where a minimum load cannot be achieved.
2. In applications where the combined inrush current or load exceeds the rated current, a current limiting device is required to be installed.

[DESCRIPTION]

ELECTRONIC DIMMER MECHANISMS

Connected Switchgear's range of electronic dimmer mechanisms are designed to give a modern look and feel across all series of grid plates and covers. Designed with a tactile switch and a blue LED indicator for ease of location in low light areas. Operating as both on/off switch with dimming function and last position memory recall.

[FEATURES]

- Blue LED Indicator
- Trailing Edge
- On/Off/Dim Function
- Last Dim Level Memory
- Available in Black and White
- Interchangeable with all Connected Switchgear plates

[COMPATIBILITY]

- Dimmable LED lamps
- Incandescent Light Loads
- LV & MV Halogen Light Loads

[TECHNICAL PARAMETERS]

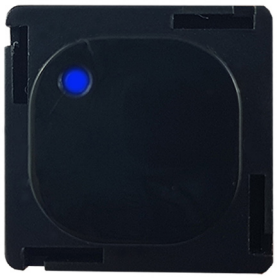
- Rated Voltage: 250V AC
- Rated Frequency: 50Hz
- Operating Temp: -10°C - 50°C
- Max Load: 350VA
- Min Load: 10VA*
- Complies with:
  AS/NZS 60669.1:2013
  AS/NZS 60669.2.1:2013

[APPROVALS]

- Global Mark Approved

[IMAGE]

MTDM350



MTDM350B

MLCD
(Optional)

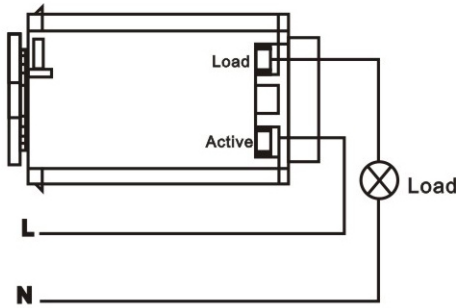
*NOTE:

1. Certain applications may require a load correction device (MLCD) where a minimum load cannot be achieved.
2. In applications where the combined inrush current or load exceeds the rated current, a current limiting device is required to be installed.

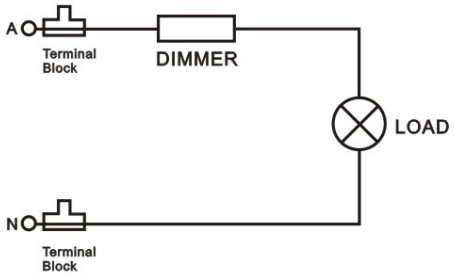
[SPECIFICATIONS]

ELECTRONIC MECHANISMS				
Product Code	**Min. Load**	**Max. Load**	**Type**	**Colour**
MTS350	10VA	350VA	Electronic Switch	WHITE
MTDM350	10VA	350VA	Electronic Dimmer	WHITE
MTS350B	10VA	350VA	Electronic Switch	BLACK
MTDM350B	10VA	350VA	Electronic Dimmer	BLACK

[WIRING DIAGRAM]



Electronic Switch (MTS350)



Electronic Dimmer (MTDM350)

[DESCRIPTION]

LED ROTARY DIMMER

Connected Switchgear's range of electronic dimmer mechanisms are designed to give a modern look and feel across all series of grid plates and covers. The LED dimmer is a rotary controlled modular dimmer mechanism rated at 300W. Up to six dimmer mechanisms can be installed in a plate. Designed for LED lamps, the unit utilizes powerful and sophisticated dimming technology to provide control.

[FEATURES]

- Two Wire Phase Control
- Trailing Edge
- Soft Start for Lamp and Driver Life
- Suitable for New Installations or Retro-fit Applications
- Inbuilt Over-Current & Over Temperature Protection
- Short Circuit Protection
- Immune to High Frequency Signal Injection on Mains Supply

[COMPATIBILITY]

- Dimmable LED Lamps
- Incandescent Light Loads
- LV & MV Halogen Light Loads

[TECHNICAL PARAMETERS]

- Rated Voltage: 240V AC
- Rated Frequency: 50Hz
- Max Load: 300VA
- Min Load: 3VA
- Complies with:
  AS/NZS 3100
  AS/NZS 3133
  IEC 60669-2-1

[APPROVALS]

- SAA Approved

[IMAGE]

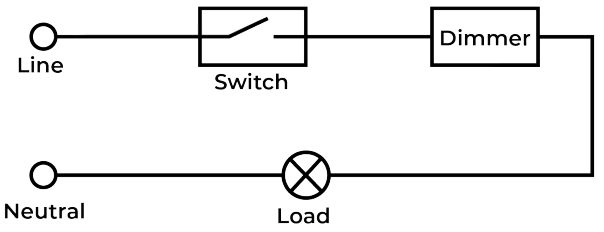
MLDR300

MLDR300B

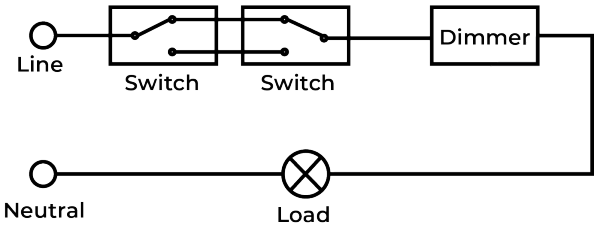
[SPECIFICATIONS]

LED ROTARY DIMMER MECHANISMS				
Product Code	**Min. Load**	**Max. Load**	**Type**	**Colour**
MLDR300	3VA	300VA	LED Rotary Dimmer	WHITE
MLDR300B	3VA	300VA	LED Rotary Dimmer	BLACK

[WIRING DIAGRAM]



One-Way Wiring Diagram



Two-Way Wiring Diagram

IMPORTANT

When a 3 speed fan controller is installed on the same lighting circuit or in close proximity to this dimmer, changing the fan speed may cause a voltage spike that forces the dimmer into circuit protection mode causing the load it controls to switch off. If this occurs, we recommend either of the following.

1. Installating a load correction device (MLCD) between the fan line input across to neutral, or;
2. Replacing the 3 speed fan controller with a model that has an overvoltage protection or changing the type of fan controller to a variable speed fan controller which will eliminate voltage spikes.

[WARRANTY]

Connected Switchgear mechanisms come with a trusted 5 Year In House Warranty. That means that you have peace of mind knowing that if a fault develops within a five year period, Connected Group Australia will cover the cost of replacing the product and it's installation.*

* See our website for full terms and conditions www.connectedswitchgear.com.au

[RELATED PRODUCTS]

PB1-L with MTDM350

POD10X-L

The additional switch mechanism is removable in all of our double socket outlets, allowing replacement with AC, electronic or USB mechanisms.

In various applications where it is not possible to position the dual USB transformer pack behind the wall plate/ socket outlet, the optional 2.4m extension lead (MUSB31LL) allows for the transformer to be located in a more convenient location.

MUSB31LL