



SWITCH MODE POWER SUPPLY

INDICATORS & PUSH BUTTON

PROXIMITY & PHOTOELECTRIC SENSORS

AXIAL FAN

SOLID STATE RELAY

LIMIT SWITCH

SWITCH MODE POWER SUPPLY



LRS-25/35 LRS-60 LRS-120 LRS60A/60B

MODEL	VOLT	AMP	DIMENSION (L*W*H)
LRS-25-5	5V	5.0A	84x58x38mm
LRS-25-12	12V	2.1A	84x58x38mm
LRS-25-24	24V	1.1A	84x58x38mm
LRS-35-5	5V	7.0A	84x58x38mm
LRS-35-12	12V	3.0A	84x58x38mm
LRS-35-24	24V	1.5A	84x58x38mm
LRS-60-12	12V	5 A	99x82x30mm
LRS-60-24	24V	2.5 A	99x82x30mm
LRS-120-12	12V	10 A	129x97x30mm
LRS-120-24	24V	5 A	129x97x30mm

DUAL VOLT SERIES

MODEL	VOLT	AMP	VOLT	AMP
	CH1		CH2	
LRS60A	5V	4A	12V	3A
LRS60B	5V	3A	24V	1.8A
LRS60A-D60C	12V	2.5A	-12V	2.5A

TRIPLE VOLT SERIES

MODEL	VOLT	AMP	VOLT	AMP	VOLT	AMP
	CH1		CH2		CH3	
LRS60A-T60C	5V	5A	15V	2A	-15V	0.5A
LRS60A-T60B	5V	5A	12V	2.5A	-12V	0.5A

QUAD VOLT SERIES

MODEL	VOLT	AMP	VOLT	AMP	VOLT	AMP	VOLT	AMP
	CH1		CH2		CH3		CH4	
LRS60A-Q60D	5V	4A	12V	1A	24V	1A	-12V	0.5A
LRS60A-Q60B	5V	5.5A	12V	2A	-5V	0.5A	-12V	0.5A

NOTE: LRS-60A/B DIMENSION: 159x97x38mm (L*W*H)



LRS-150 LRS-250 LRS-350 LRS-500/600

MODEL	VOLT	AMP	DIMENSION (L*W*H)
LRS-150-12	12V	12.5A	159x97x30mm
LRS-150-24	24V	6.5A	159x97x30mm
LRS-150-48	48V	3.1A	159x97x30mm
LRS-250-12	12V	20A	215x115x30mm
LRS-250-24	24V	10A	215x115x30mm
LRS-250-48	48V	5A	215x115x30mm
LRS-350-12	12V	29.5A	215x115x30mm
LRS-350-15	15V	23.3A	215x115x30mm
LRS-350-24	24V	14.6A	215x115x30mm
LRS-350-48	48V	7.3A	215x115x30mm
LRS-500-12	12V	41A	240x125x65mm
LRS-500-24	24V	20A	240x125x65mm
LRS-500-48	48V	10A	240x125x65mm
LRS-600-12	12V	50A	240x125x65mm
LRS-600-24	24V	25A	240x125x65mm

ACCESSORIES - DIN RAIL CLAMP

MODEL	COMPATIBLE MODEL
CL-01	LRS-60 LRS-120 LRS-150
CL-02	LRS-250 LRS-350

SOLID STATE RELAY & HEAT SINK



DC-AC SERIES

MODEL	OUTPUT	TYPE	MPQ
SRDA-16	16A	DC-AC	10
SRDA-25	25A	DC-AC	10
SRDA-40	40A	DC-AC	10

AC-AC SERIES

MODEL	OUTPUT	TYPE	MPQ
SRAA-16	16A	AC-AC	10
SRAA-25	25A	AC-AC	10
SRAA-40	40A	AC-AC	10



HS-01-BK

HS-DR-02

HS-DR-03

ACCESSORIES - HEAT SINK

MODEL	MOUNT	DIMENSION (L*W*H)
HS-01-BK	PANEL MOUNT	69x51x24mm
HS-DR-02	DIN RAIL MOUNT	68x43x45mm
HS-DR-03	DIN RAIL MOUNT	82x50x93.55mm

LIMIT SWITCH



MODEL	DESCRIPTION	MPQ
SLZ-204S	Roller Lever	1
SLZ-207	Adjustable Lever	1
SLZ-208S	Adjustable Roller Lever	1
SLZ-211	Plug Column	1
SLZ-212	Roller Plug Column	1
SLZ-222	Cross Roller Plug Column	1
SLZ-268	Spring Wire Hard Rod	1
SLZ-SW1	SLZ Series Switch 	10



CLZ-8104 CLZ-8104S CLZ-8107 CLZ-8108 CLZ-8108S CLZ-8111



CLZ-8112 CLZ-8122 CLZ-8166 CLZ-8167 CLZ-8168 CLZ-8169



MODEL	DESCRIPTION	MPQ
PLE-101	Plug Column	10
PLE-103	Roller Plug Column	10
PLE-111	Roller Arm Lever (Horizontal)	10
PLE-121	Roller Lever	10
PLE-131	Adjustable Roller Lever	10

MODEL	DESCRIPTION	MPQ
CLZ-8104	Roller Lever (Nylon Roller)	10
CLZ-8104S	Roller Lever (Metal Roller)	10
CLZ-8107	Adjustable Lever	10
CLZ-8108	Adjustable Roller Lever (Nylon Roller)	10
CLZ-8108S	Adjustable Roller Lever (Metal Roller)	10
CLZ-8111	Plug Column	10
CLZ-8112	Roller Plug Column	10
CLZ-8122	Cross Roller Plug Column	10
CLZ-8166	Spring Soft Rod	10
CLZ-8167	Spring Wire	10
CLZ-8168	Spring Wire Hard Rod	10
CLZ-8169	Spring Wire Rod	10

BASIC & MICRO SWITCH



BSZ-15-H BSZ-15-HS BSZ-15-RH BSZ-15-RHS



BSZ-15-PS BSZ-15-P BSZ-15-RP BSZ-15-RPC

MODEL	DESCRIPTION	MPQ
BSZ-15-H	Hing Lever	20
BSZ-15-HS	Short Hing Lever	20
BSZ-15-RH	Roller Hing Lever	20
BSZ-15-RHS	Roller Short Hing Lever	20
BSZ-15-PS	Short Pin Plunger	20
BSZ-15-P	Pin Plunger	20
BSZ-15-RP	Roller Pin Plunger	20
BSZ-15-RPC	Cross Roller Pin Plunger	20



MBV-16-P MBV-16-HS MBV-16-H



MBV-16-HE MBV-16-RHS MBV-16-RH

MODEL	DESCRIPTION	MPQ
MBV-16-P	Pin Plunger	100
MBV-16-HS	Short Hinge Lever	100
MBV-16-H	Hinge Lever	100
MBV-16-HE	Extended Hinge Lever	100
MBV-16-RHS	Roller Short Hinge Lever	100
MBV-16-RH	Roller Hinge Lever	100

INDUCTIVE PROXIMITY SENSOR



NON-FLUSH



FLUSH

CMD12 Ø12mm | LENGTH: 60mm

MODEL	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CMD12-N4-O	DC	NPN	NO	NON FLUSH	4 mm
CMD12-N4-C	DC	NPN	NC		4 mm
CMD12-N4-OC	DC	NPN	NO+NC		4 mm
CMD12-N2-O	DC	NPN	NO	FLUSH	2 mm
CMD12-N2-C	DC	NPN	NC		2 mm
CMD12-N2-OC	DC	NPN	NO+NC		2 mm
CMD12-P4-O	DC	PNP	NO	NON FLUSH	4 mm
CMD12-P4-C	DC	PNP	NC		4 mm
CMD12-P4-OC	DC	PNP	NO+NC		4 mm
CMD12-P2-O	DC	PNP	NO	FLUSH	2 mm
CMD12-P2-C	DC	PNP	NC		2 mm
CMD12-P2-OC	DC	PNP	NO+NC		2 mm
CMA12-4-O	AC	-	NO	NON	4 mm
CMA12-4-C	AC	-	NC	FLUSH	4 mm



NON-FLUSH



FLUSH

CMD18 Ø18mm | LENGTH: 65mm

MODEL	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CMD18-N8-O	DC	NPN	NO	NON FLUSH	8 mm
CMD18-N8-C	DC	NPN	NC		8 mm
CMD18-N8-OC	DC	NPN	NO+NC		8 mm
CMD18-N5-O	DC	NPN	NO	FLUSH	5 mm
CMD18-N5-C	DC	NPN	NC		5 mm
CMD18-N5-OC	DC	NPN	NO+NC		5 mm
CMD18-P8-O	DC	PNP	NO	NON FLUSH	8 mm
CMD18-P8-C	DC	PNP	NC		8 mm
CMD18-P8-OC	DC	PNP	NO+NC		8 mm
CMD18-P5-O	DC	PNP	NO	FLUSH	5 mm
CMD18-P5-C	DC	PNP	NC		5 mm
CMD18-P5-OC	DC	PNP	NO+NC		5 mm
CMA18-8-O	AC	-	NO	NON	8 mm
CMA18-8-C	AC	-	NC	FLUSH	8 mm



NON-FLUSH



FLUSH

CMD08 Ø8mm | LENGTH: 50mm

MODEL	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CMD08-N2-O	DC	NPN	NO	NON	2 mm
CMD08-P2-O	DC	PNP	NO	FLUSH	2 mm
CMD08-N1.5-O	DC	NPN	NO	FLUSH	1.5 mm
CMD08-P1.5-O	DC	PNP	NO		1.5 mm
CMA08-2-O	AC	-	NO	NON	2 mm
CMA08-2-C	AC	-	NC	FLUSH	2 mm



NON-FLUSH



FLUSH

CMD30 Ø30mm | LENGTH: 65mm

MODEL	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CMD30-N15-OC	DC	NPN	NO+NC	NON FLUSH	15 mm
CMD30-P15-OC	DC	PNP	NO+NC		15 mm
CMD30-N10-OC	DC	NPN	NO+NC	FLUSH	10 mm
CMD30-P10-OC	DC	PNP	NO+NC		10 mm
CMA30-15-O	AC	-	NO	NON	15 mm
CMA30-15-C	AC	-	NC	FLUSH	15 mm

CONNECTOR TYPE SENSOR & CONNECTOR WIRE



NON-FLUSH



FLUSH

CMD12-C Ø12mm | LENGTH: 66mm

MODEL	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CMD12-C-N4-OC	DC	NPN	NO+NC	NON FLUSH	4 mm
CMD12-C-P4-OC	DC	PNP	NO+NC		4 mm
CMD12-C-N2-OC	DC	NPN	NO+NC	FLUSH	2 mm
CMD12-C-P2-OC	DC	PNP	NO+NC		2 mm



WCR12-4, 2 MTR WIRE

MODEL	CONNECTOR SIZE	TYPE	LENGTH
WCR12-4	12mm	ANGLED	2 MTR
WC12-4	12mm	STRAIGHT	2 MTR



NON-FLUSH



FLUSH

CMD18-C Ø18mm | LENGTH: 67.5mm

MODEL	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CMD18-C-N8-OC	DC	NPN	NO+NC	NON FLUSH	8 mm
CMD18-C-P8-OC	DC	PNP	NO+NC		8 mm
CMD18-C-N5-OC	DC	NPN	NO+NC	FLUSH	5 mm
CMD18-C-P5-OC	DC	PNP	NO+NC		5 mm



WCR12-4-5M, 5 MTR WIRE

MODEL	CONNECTOR SIZE	TYPE	LENGTH
WCR12-4-5M	12mm	ANGLED	5 MTR
WC12-4-5M	12mm	STRAIGHT	5 MTR



WC12-4-5M, 5 MTR WIRE

DIFFUSE PHOTOELECTRIC SENSOR



CPDD18 Ø18mm | LENGTH: 67.5mm

MODEL	TYPE	LOGIC	OUTPUT	RANGE
CPDD18-P500-O	DC	PNP	NO	500 mm
CPDD18-P500-OC	DC	PNP	NO+NC	500 mm
CPDD18-N500-OC	DC	NPN	NO+NC	500 mm
CPDA18-500-O	AC	-	NO	500 mm
CPDA18-500-C	AC	-	NC	500 mm



CPDD18 (PLASTIC BODY) Ø18mm | LENGTH: 63mm

MODEL	TYPE	LOGIC	OUTPUT	RANGE
CPDD18-N500-O(PB)	DC	NPN	NO	500 mm
CPDD18-P500-O(PB)	DC	PNP	NO	500 mm
CPDD18-P3000-OC(PB)	DC	PNP	NO+NC	3 MTR



RETRO REFLECTIVE PHOTOELECTRIC SENSOR



CPRD18 Ø18mm | LENGTH: 67.5mm

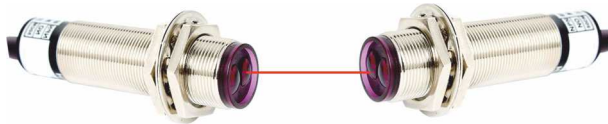
MODEL	TYPE	LOGIC	OUTPUT	RANGE
CPRD18-N4M-OC	DC	NPN	NO+NC	4 MTR
CPRD18-P4M-OC	DC	PNP	NO+NC	4 MTR



CPRD30 Ø30mm | LENGTH: 63mm

MODEL	TYPE	LOGIC	OUTPUT	RANGE
CPRD30-N4M-OC	DC	NPN	NO+NC	4 MTR
CPRD30-P4M-OC	DC	PNP	NO+NC	4 MTR

THROUGH BEAM PHOTO SENSOR



EMITTER

RECEIVER

CPDT18 Ø18mm | LENGTH: 67.5mm

MODEL	TYPE	LOGIC	OUTPUT	RANGE
CPDT18-N5M-OC	DC	NPN	NO+NC	5 MTR
CPDT18-P5M-OC	DC	PNP	NO+NC	5 MTR

PROXIMITY CONTROL UNIT



PR-350 85x52x70mm (L*W*H)

MODEL	TYPE	RELAY OUTPUT
PR-350	PNP/NPN (Selectable)	1C/O

CAPACITIVE PROXIMITY SENSOR



Ø18mm, NON-FLUSH



Ø30mm, NON-FLUSH

CCD18 Ø18mm | LENGTH: 65mm

MODEL	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CCD18-N8-OC	DC	NPN	NO+NC	NON	8 mm
CCD18-P8-OC	DC	PNP	NO+NC	FLUSH	8 mm

CCD30 Ø30mm | LENGTH: 65mm

MODEL	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CCD30-N15-OC	DC	NPN	NO+NC	NON	15 mm
CCD30-P15-OC	DC	PNP	NO+NC	FLUSH	15 mm

BOX TYPE PROXIMITY SENSOR



BMD25



BMD36

BMD25 17x17x28mm(L*W*H)

MODEL	TYPE	LOGIC	OUTPUT	RANGE
BMD25-N5-O	DC	NPN	NO	5 mm
BMD25-P5-O	DC	PNP	NO	5 mm

BMD36 18x18x36mm(L*W*H)

MODEL	TYPE	LOGIC	OUTPUT	RANGE
BMD36-N8-O	DC	NPN	NO	8 mm
BMD36-P8-O	DC	PNP	NO	8 mm

LED PILOT LAMP



Ø22.5mm

MODEL	COLOUR	VOLT	MPQ
LP22-A230-R	RED	230V AC	10
LP22-A230-G	GREEN		10
LP22-A230-Y	YELLOW		10
LP22-A230-B	BLUE		10
LP22-A230-W	WHITE		10
LP22-A230-A	AMBER		10
LP22-D24-R	RED	24V DC	10
LP22-D24-G	GREEN		10
LP22-D24-Y	YELLOW		10
LP22-D24-B	BLUE		10
LP22-D24-W	WHITE		10
LP22-D24-A	AMBER		10

UNIVERSAL LAMP

MODEL	COLOUR	VOLT	MPQ
XLP22-AD230-R	RED	12-240V AC/DC	10
XLP22-AD230-G	GREEN		10
XLP22-AD230-Y	YELLOW		10
XLP22-AD230-B	BLUE		10
XLP22-AD230-W	WHITE		10
XLP22-AD230-A	AMBER		10

DUAL COLOUR LAMP

MODEL	COLOUR	VOLT	MPQ
DLP22-A230-RG	RED/GREEN	230V AC	10
DLP22-D24-RG	RED/GREEN	24V DC	10

ILLUMINATED BUZZER



Ø22.5mm

MODEL	COLOUR	VOLT	MPQ
LB22-A230-R	RED	230V AC	10
LB22-A230-G	GREEN		10
LB22-A230-Y	YELLOW		10
LB22-A230-B	BLUE		10
LB22-D24-R	RED	24V DC	10
LB22-D12-R	RED	12V DC	10



Ø16mm

MODEL	COLOUR	VOLT	MPQ
LB16-A230-R	RED	230V AC	20
LB16-D24-R	RED	24V DC	20
LB16-D12-R	RED	12V DC	20



Ø16mm

MODEL	COLOUR	VOLT	MPQ
LP16-A230-R	RED	230V AC	20
LP16-A230-G	GREEN		20
LP16-A230-Y	YELLOW		20
LP16-A230-B	BLUE		20
LP16-A230-W	WHITE		20
LP16-A230-A	AMBER		20
LP16-D24-R	RED	24V DC	20
LP16-D24-G	GREEN		20
LP16-D24-Y	YELLOW		20
LP16-D24-B	BLUE		20
LP16-D24-W	WHITE		20
LP16-D24-A	AMBER		20

VOLT METER



Ø22.5mm

MODEL	COLOUR	VOLT	MPQ
LV22-A230-R	RED	20-500V AC	10
LV22-A230-G	GREEN		10
LV22-A230-Y	YELLOW		10
LV22-A230-B	BLUE		10

METER



FREQUENCY METER

TEMPERATURE METER

Ø22.5mm

MODEL	COLOUR	DESCRIPTION	MPQ
LF22-50H-R	RED	50Hz	10
LT22-199-R	RED	0-199° C	10

CONTACT BLOCK



CB-R-C

CB-G-O

MODEL	TYPE	CONTACT TYPE	MPQ
CB-R-C	NC	SILVER	50
CB-G-O	NO	SILVER	50

PUSH BUTTON ACTUATOR



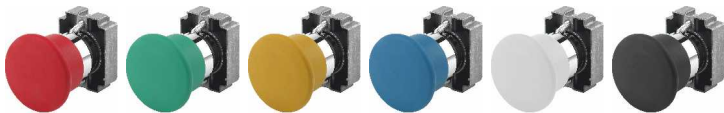
METAL PUSH BUTTON Ø22.5mm

MODEL	COLOUR	MPQ
AM22-R	● RED	10
AM22-G	● GREEN	10
AM22-Y	● YELLOW	10
AM22-B	● BLUE	10
AM22-W	○ WHITE	10
AM22-BK	● BLACK	10



PLASTIC PUSH BUTTON Ø22.5mm

MODEL	COLOUR	MPQ
AP22-R	● RED	10
AP22-G	● GREEN	10
AP22-Y	● YELLOW	10
AP22-B	● BLUE	10
AP22-W	○ WHITE	10
AP22-BK	● BLACK	10



MUSHROOM, LATCHING Ø40mm Ø22.5mm

MODEL	COLOUR	MPQ
AM22-M40-R	● RED	10
AM22-M40-G	● GREEN	10
AM22-M40-Y	● YELLOW	10
AM22-M40-B	● BLUE	10
AM22-M40-W	○ WHITE	10
AM22-M40-BK	● BLACK	10

EMERGENCY ACTUATOR



EA40-R (METAL)

AP22-E40R (PLASTIC)

KY-EA40-R (METAL)

MODEL	TYPE	MPQ
EA40-R	LATCHING 40MM DIA (METAL)	10
AP22-E40R	LATCHING 40MM DIA (PLASTIC)	10
KY-EA40-R	LATCHING 40MM DIA WITH KEY	10

SELECTOR ACTUATOR



SA2/3-BK

KY-SA2/3-BK

METAL SELECTOR ACTUATOR Ø22.5mm

MODEL	TYPE	POSITION	MPQ
SA2-BK	STAY PUT	2 POSITION	10
SA3-BK	STAY PUT	3 POSITION	10
SA2-SR-BK	SPRING RETURN	2 POSITION	10
SA3-SR-BK	SPRING RETURN	3 POSITION	10

SELECTOR ACTUATOR WITH KEY Ø22.5mm

MODEL	DESCRIPTION	MPQ
KY-SA2-OR	2 WAY WITH KEY REMOVABLE IN ONE POSITION	10
KY-SA2-BR	2 WAY WITH KEY REMOVABLE IN BOTH POSITION	10
KY-SA3-CR	3 WAY WITH KEY REMOVABLE IN CENTER POSITION	10
KY-SA3-CR-SR	3 WAY SPRING RETURN WITH KEY REMOVABLE IN CENTER POSITION	10



PLASTIC SELECTOR ACTUATOR Ø22.5mm

MODEL	TYPE	POSITION	MPQ
SA2P-BK	STAY PUT	2 POSITION	10
SA3P-BK	STAY PUT	3 POSITION	10



ILLUMINATED SELECTOR Ø22.5mm

MODEL	TYPE	COLOUR	VOLT	MPQ
SA2-IL-R	2 WAY	● RED	230V AC	10
SA2-IL-G		● GREEN		10
SA3-IL-R	3 WAY	● RED	230V AC	10
SA3-IL-G		● GREEN		10
SA2-IL-D24-R	2 WAY	● RED	24V DC	10
SA2-IL-D24-G		● GREEN		10
SA3-IL-D24-R	3 WAY	● RED	24V DC	10
SA3-IL-D24-G		● GREEN		10

ILLUMINATED PUSH BUTTON



ILLUMINATED METAL		Ø22.5mm	
MODEL	COLOUR	VOLT	MPQ
AM22L-A230-R	RED	230V AC	10
AM22L-A230-G	GREEN		10
AM22L-A230-Y	YELLOW		10
AM22L-A230-B	BLUE		10
AM22L-A230-A	AMBER		10
AM22L-D24-R	RED	24V DC	10
AM22L-D24-G	GREEN		10
AM22L-D24-Y	YELLOW		10



ILLUMINATED PLASTIC		Ø22.5mm	
MODEL	COLOUR	VOLT	MPQ
AP22L-A230-R	RED	230V AC	10
AP22L-A230-G	GREEN		10
AP22L-A230-Y	YELLOW		10
AP22L-A230-B	BLUE		10
AP22L-A230-A	AMBER		10

TWIN PUSH BUTTON



SH2L-RG-M

SH2-RG-M

MODEL	DESCRIPTION	MPQ
SH2-RG-M	FLUSH WITH IO MARK	10
SH2L-RG-M	230V AC ILLUMINATED	10

4 INCH AXIAL FAN



SL-12038-A230-W



BB-12038-A230-W

MODEL	TYPE	BEARING	VOLT
SL-12038-A230-W	SQUARE	SLEEVE BEARING	230V AC
BB-12038-A230-W	SQUARE	BALL BEARING	

8 INCH AXIAL FAN



BB-20060-A230-W



BB-SR-20060-A230-W



BB-22060-A230-W

MODEL	TYPE	BEARING	VOLT
BB-20060-A230-W	SQUARE	BALL BEARING WITH CAPACITOR	230V AC
BB-SR-20060-A230-W	SQUARE ROUND	BALL BEARING	
BB-22060-A230-W	ROUND	BALL BEARING	

6 INCH AXIAL FAN



BB-15050-A230-W



BB-17050-A230-W



BB-17251-A230-W



BB-SR-17251-A230-W

MODEL	TYPE	BEARING	VOLT
BB-15050-A230-W	SQUARE	BALL BEARING	230V AC
BB-17050-A230-W	ROUND	BALL BEARING	
BB-17251-A230-W	OVAL	BALL BEARING	
BB-SR-17251-A230-W	SQUARE ROUND	BALL BEARING	