



Gawe

LD MANUAL CHANGEOVER SWITCHES

E.I.C. *Electrical
Importing
Company*

WWW.EIC.NZ
Ph: (09) 634 2978



LD Changeover Switches

Gawe has designed and manufactured a range of high-quality load changeover switches equipped with front manual operation. These switches provide a transfer of sources or changeover of low voltage circuits on load in addition to safety disconnect isolation.

General Characteristics:

- ✓ • **Compact integrated size. Up to 40% space-saving to conventional switches.**
- ✓ • **Integrated internal common link saving installation time and errors.**
 - Easy and quick DIN rail mounting.
 - Protected cable clamp connection IP20 (63 to 125A).
 - Terminals with screen protection cover (160 to 250A).
 - Auxiliary contacts are directly shaft operated - no risk of false indication.









According to standards:

- IEC 60947-1
- IEC 60947-3

Ordering Information Changeover Switches 1-0-2

Poles	Aux Contact	63A	100A	125A	160A	200A	250A
3P	Yes	LDA626100	LDA627100	-	-	-	-
4P		LDA636100	LDA637100	LDA639100	LDA63A100	LDA63B100	LDA63C100

Technical Data

Description		63A	100A	125A	160A	200A	250A
Thermal rating	I _{th} A	70	100	125	160	200	250
Max. fuse protection (gG-aM)	I _n (A)	80	125	125	200	230	250
Impulse voltage	U _{imp} kV	4	4	4	4	4	4
Conditional shortcircuit current	I _{cc} kA	8	8	8	-	-	-
Operating voltage	U _e V AC	690	690	690	690	690	690
Insulating voltage	V AC	690	690	690	690	690	690
Insulating voltage	V DC	600	600	600	600	600	600
Operational rating	I _e A	63	100	125	160	200	250
Wire section	Stranded mm ²	16 - 50	16 - 50	16 - 50	70	95	120
	Flexible mm ²	16 - 50	16 - 50	16 - 50	70	95	120
	AWG	6 - 1	6 - 1	6 - 1	-	-	-
Torque	Nm	3,5	3,5	3,5	-	-	-
Connection screws		M8	M8	M8	M8	M8	M8
Terminal							
AC 21	kW 3 x 230V	22	37	37	45	55	75
	Dummy kW 3 x 400V	37	55	75	90	110	132
	cosØ >0,95 kW 3 x 500V	45	75	90	110	132	160
AC 22	kW 3 x 230V	22	30	30	37	45	55
	Mixed load kW 3 x 400V	30	45	55	75	90	110
	0,65 <cosØ <0,95 kW 3 x 500V	37	55	75	90	110	132
AC 23	kW 3 x 230V	15	18,5	18,5	30	38	-
	Motor load kW 3 x 400V	22	30	37	52	65	-
	0,45 <cosØ <0,65 kW 3 x 500V	30	37	45	65	80	-

Changeover Switch Accessories



● Supplied standard ● Optional

Accessories Compatibility Table								
63A	●	●	●	●	●	●	●	●
100A	-	●	-	-	●	●	●	●
125A	-	●	-	-	●	●	●	●
160A	-	●	-	-	●	●	●	●
200A	-	●	-	-	●	●	●	●
250A	-	●	-	-	●	●	●	●

Padlockable Handles



Part Number	Colour	Handle
AK1200526	red/yellow	Short
AK1200528	red/yellow	Lever
AK1200146	black/grey	Short
AK1200148	black/grey	Lever

Mounting Kits



Part Number	Description
LK0800006	Extension shaft 200mm
LK1720006	External interlock clutch with extension shaft

Protection Gasket IP65



Part Number	Description
AK2240006	IP65 gasket protection 8mm

→ Changeover Applications

Common uses:

- Manual source transfer
- OEM changeover systems

→ Flexibility

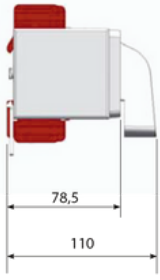
Different electrical schemes are available on request:

- Changeover with overlap I - I+II - II (battery supply systems).
- Changeover with by-pass (UPS & VSD maintenance).
- Additional number of poles.

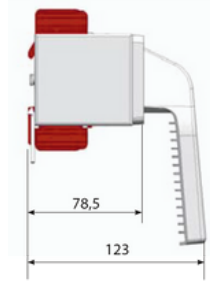
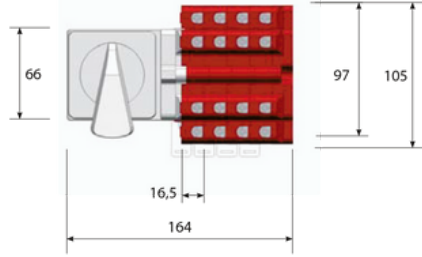
→ Safety

Padlockable handles for safety locking when in a disconnected position.
Protected terminals and screen cover to avoid hazard risks.

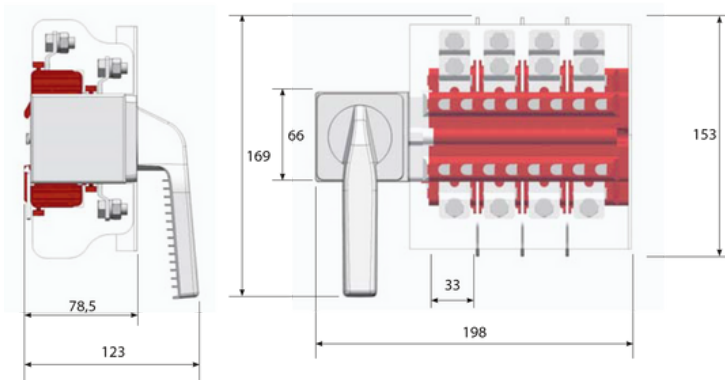
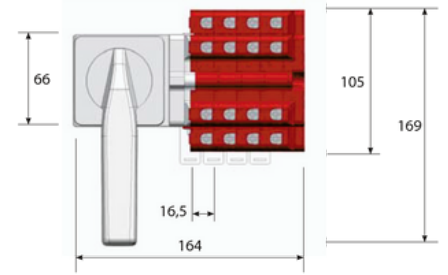
Dimensions



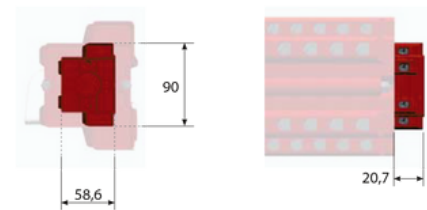
63A



100A-125A

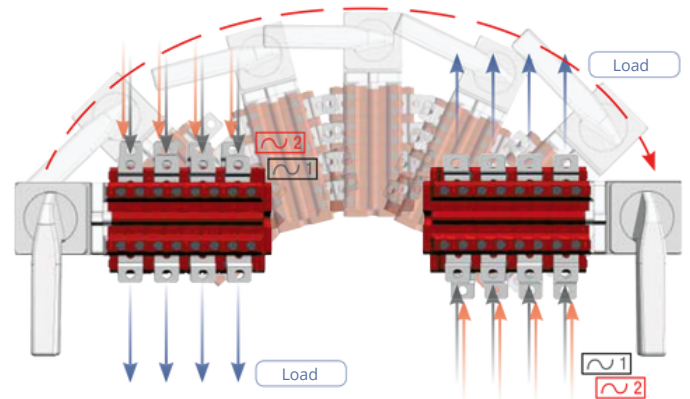


160A-200A-250A



Auxiliary Contacts

All changeover switches come with Auxiliary Contacts.



→ Enclosed Changeover Switches

Available on request assembled in house by EIC. Contact EIC for more information. User guides and datasheets are available at www.eic.nz

→ Adaptability

The switch can be turned around for installation purposes adapting to cable input/output requirements.

E.I.C. Electrical Importing Company

QUALITY ELECTRICAL COMPONENTS FOR INDUSTRY

117A Captain Springs Rd, Onehunga,
Auckland 1061
PO Box 13 872, Auckland 1643, NZ

Electrical Importing
Company Limited

→ (09) 634 2978

→ www.eic.nz

→ sales@eic.nz