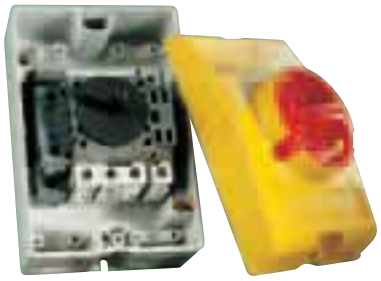
Switch disconnectors

A modular and flexible range

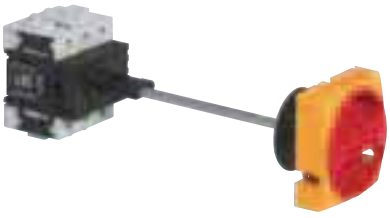




► IN ENCLOSURE

- Degree of protection: up to IP 66
- For 25A to 100A size switches (see Ithe (A) p. 306)
- Cable entries with pre-formed knockouts
- Tamper-proof cover with padlockable handle
- Recessed area for optional plate
- A wide choice of associated contact blocks and enclosures versions available

Pages 289 and 295



► WITH CLUTCH DRIVE

- Metal cuttable shafts
- With or without door interlock system
- Short or long metal shaft available

Pages 288 and 293

Complete switch disconnectors 20 A

IP 40 as standard, IP 65 on request

Characteristics (p. 306)

FRONT MOUNTING

PADLOCKABLE PRESENTATION

Cat. No.

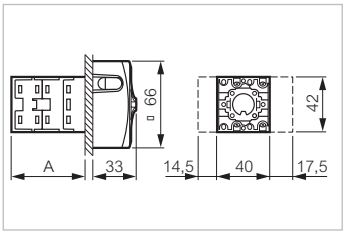


172921

20 A - non-reversible terminals

3P	**172901**
3P+NC/NO(1)	**172911**
4P	**172921**

(1) Padlock with ø 6 to 8 mm



Dimensions
A: 46 (3P/4P)
56 (3P+NC/NO)

ACCESSORIES

Cat. No.



172945

IP65 seal kit

For front mounting with screws **172945**

Terminal covers

For front mounting with screws **172965**

Complete switch disconnectors 25 to 100 A

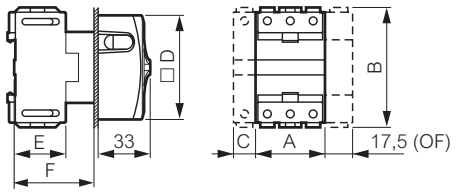
IP 40 as standard, IP 65 on request

Characteristics (p. 306)

FRONT MOUNTING

PADLOCKABLE PRESENTATION

Cat. No.



Safety switch to disconnect and isolate poles.
IP 20 “finger safe”
Double break type load switching
Red padlockable handle on
yellow plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3
Approved by UL - cUL – Suitable as motor disconnect



172001

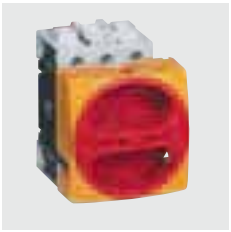
Dimensions
A: 44
B: 75.4
C: 14.5
D: □ 66
E: 36
F: 50

25 A

3P	**172001**
3P+NC/NO (1)	**172011**
4P neutral on left	**172021**

32 A

3P	**172101**
4P neutral on left	**172121**



172201

Dimensions
A: 53.6
B: 85
C: 17.9
D: □ 66
E: 50.3
F: 60

50 A

3P	**172201**
4P neutral on left	**172221**

63 A

3P	**172301**
4P neutral on left	**172321**



172401

Dimensions
A: 71.8
B: 93
C: 26.8
D: □ 86
E: 63.8
F: 70

80 A

3P	**172401**
4P neutral on left	**172421**

100 A

3P	**172501**

(1) Padlock: ø 6 to 8 mm

Complete switch disconnectors 25 to 100 A

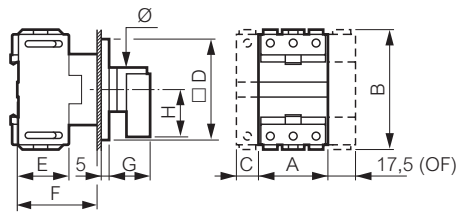
IP 40 as standard, IP 65 on request

Characteristics (p. 306)

FRONT MOUNTING

WITH PLATE, FRAME AND HANDLE

Cat. No.



Safety switch to disconnect and isolate poles.
IP 20 “finger safe”
Double break type load switching
Red handle on yellow plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3
Approved by UL - cUL – Suitable as motor disconnect



172002

Dimensions
A: 44
B: 75.4
C: 14.5
D: □ 64
E: 36
F: 50
G: 26
H: 22
ø: 28

25 A
3P **172002**

32 A
3P **172102**



172202

Dimensions
A: 53.6
B: 85
C: 17.9
D: □ 72
E: 50.3
F: 60
G: 26
H: 30
ø: 28

50 A
3P **172202**

63 A
3P **172302**



172402

Dimensions
A: 71.8
B: 93
C: 26.8
D: □ 96
E: 63.8
F: 70
G: 31
H: 34
ø: 42

80 A
3P **172402**

100 A
3P **172502**

Catalogue No. in bold: normally in stock at distribution outlets

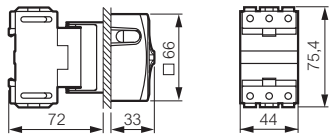
Complete switch disconnectors 25 to 100 A

IP 40 as standard, IP 65 on request

Characteristics (p. 306)

FRONT MOUNTING

PADLOCKABLE PRESENTATION Ø 22 SINGLE-HOLE MOUNTING



Safety switch to disconnect and isolate poles.
IP 20 "finger safe"
Double break type load switching
Red handle on yellow plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3
Approved by UL - cUL – Suitable as motor disconnect

	Cat. No.
25 A	
3P	**172003**
32 A	
3P	**172103**



172003

Complete switch disconnectors 25 to 100 A

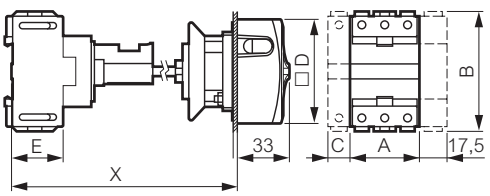
IP 40 as standard, IP 65 on request

Characteristics (p. 306)

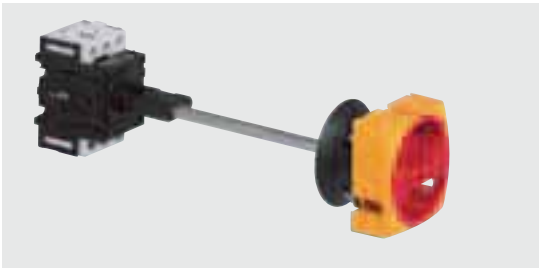
REAR MOUNTING WITH CLUTCH DRIVE

PADLOCKABLE PRESENTATION

Cat. No.



Safety switch to disconnect and isolate poles.
IP 20 "finger safe"
With clutch drive and
door interlock
Double break type load switching
Red handle on yellow plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3
Approved by UL - cUL – Suitable as motor disconnect



165009

25 A

3P **165009**

32A

3P **165109**

25 and 32 A dimensions	
A:	44
B:	75.4
C:	14.5
D:	□ 66
E:	31.5
X:	125 to 250 (short shaft) 250 to 400 (long shaft)

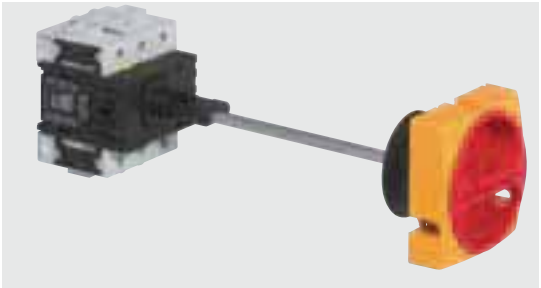
50 and 63 A dimensions	
A:	53.6
B:	85
C:	17.9
D:	□ 66
E:	42.2
X:	135 to 260 (short shaft) 260 to 410 (long shaft)

50 A

3P **165209**

63 A

3P **165309**



165409

80 A

3P **165409**

100 A

3P **165509**

80 and 100 A dimensions	
A:	71.8
B:	93
C:	26.8
D:	□ 86
E:	52.6
X:	145 to 270 (short shaft) 270 to 420 (long shaft)

Catalogue No. in bold: normally in stock at distribution outlets

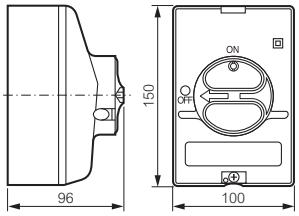
Complete switch disconnectors 25 to 100 A

IP 40 as standard, IP 65 on request
and IP 66 on enclosure version with integral handle version

Characteristics (p. 306)

ENCLOSURES

INTEGRAL PADLOCKABLE PRESENTATION





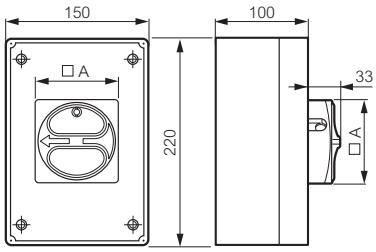
172061

Safety switch to disconnect and isolate poles.
IP 20 "finger safe"
With clutch drive and
door interlock
Double break type load switching
Red handle on yellow plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3

IP 66 - IK 7

	Cat. No.
20 A	
3P	**172961**
3P+NC/NO (1)	**172971**
4P	**172981**
25 A	
3P	**172061**
3P+NC/NO (1)	**172071**
32 A	
3P	**172161**

PADLOCKABLE PRESENTATION





172261

50 and 63 A dimensions
A: □ 66

80 and 100 A dimensions
A: □ 86

IP 40 (2)

	Cat. No.
50 A	
3P	**172261**
63 A	
3P	**172361**
80 A	
3P	**172461**
100 A	
3P	**172561**

(1) Padlock: Ø 6 to 8 mm
(2) IP 65 seal kit ref. 172267 (50 to 63 A)
172277 (80 to 100 A)

Catalogue No. in bold: normally in stock at distribution outlets

Complete switch disconnectors 20 A

IP 40 as standard, IP 65 on request
Grey presentation

Characteristics (p. 306)

FRONT MOUNTING

PADLOCKABLE PRESENTATION

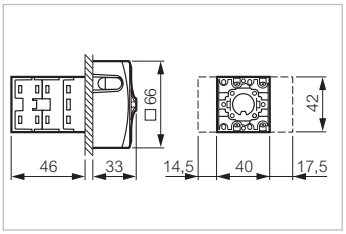
Cat. No.



174901

20 A - non-reversible terminals

3P **174901**



ACCESSORIES

Cat. No.



172945

IP 65 seal kit

For front mounting with screws **172945**

Terminal covers

For front mounting with screws **172965**

Complete switch disconnectors 25 to 100 A

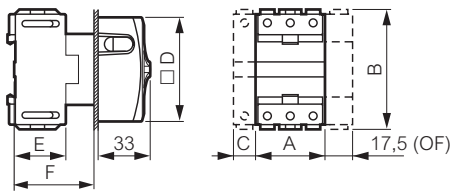
IP 40 as standard, IP 65 on request
Grey presentation

▶ FRONT MOUNTING

Characteristics (p. 306)

PADLOCKABLE PRESENTATION

Cat. No.



Safety switch to disconnect and isolate poles.
IP 20 "finger safe"
Double break type load switching
Grey padlockable handle on
grey plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3
Approved by UL - cUL – Suitable as motor disconnect

25 A
3P **174001**



174001

Dimensions
A: 44
B: 75.4
C: 14.5
D: □ 66
E: 36
F: 50

32 A
3P **174101**

50 A
3P **174201**



174301

Dimensions
A: 53.6
B: 85
C: 17.9
D: □ 66
E: 50.3
F: 60

63 A
3P **174301**

80 A
3P **174401**



174401

Dimensions
A: 71.8
B: 93
C: 26.8
D: □ 86
E: 63.8
F: 70

100 A
3P **174501**

(1) Padlock: ø 6 to 8 mm

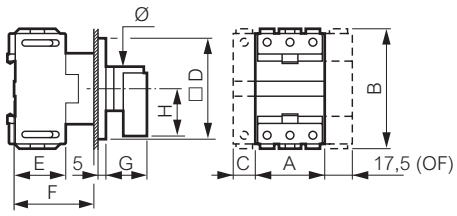
Complete switch disconnectors 25 to 100 A

IP 40 as standard, IP 65 on request
Grey presentation

Characteristics (p. 306)

FRONT MOUNTING

WITH PLATE, FRAME AND HANDLE



Safety switch to disconnect and isolate poles.
IP 20 "finger safe"
Double break type load switching
Black handle on aluminium plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3
UL - cUL approved – Suitable as motor disconnect

	Cat. No.
25 A	
3P	**174002**
32 A	
3P	**174102**
50 A	
3P	**174202**
63 A	
3P	**174302**
80 A	
3P	**174402**
100 A	
3P	**174502**



174002

Dimensions
A: 44
B: 75.4
C: 14.5
D: □ 64
E: 36
F: 50
G: 26
H: 22
ø: 28



174202

Dimensions
A: 53.6
B: 85
C: 17.9
D: □ 72
E: 50.3
F: 60
G: 26
H: 30
ø: 28



174402

Dimensions
A: 71.8
B: 93
C: 26.8
D: □ 96
E: 63.8
F: 70
G: 31
H: 34
ø: 42

Complete switch disconnectors 25 to 100 A

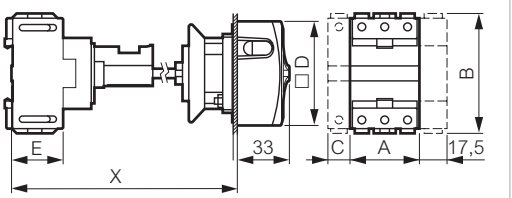
IP 40 as standard, IP 65 on request
Grey presentation

▶ REAR MOUNTING

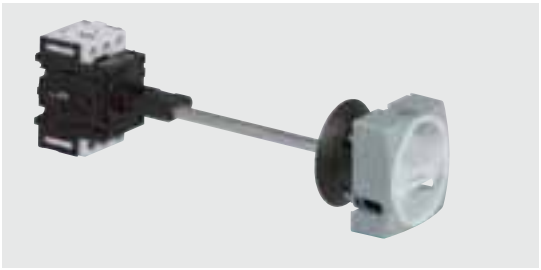
Characteristics (p. 306)

PADLOCKABLE PRESENTATION

Cat. No.



Safety switch to disconnect and isolate poles.
IP 20 "finger safe"
With clutch drive and
door interlock
Double break type load switching
Grey padlockable handle on
grey plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3
Approved by UL - cUL – Suitable as motor disconnect



165009

25 A

3P **168009**

32A

3P **168109**

25 and 32 A dimensions	
A:	44
B:	75.4
C:	14.5
D:	□ 66
E:	31.5
X:	125 to 250 (short shaft) 250 to 400 (long shaft)

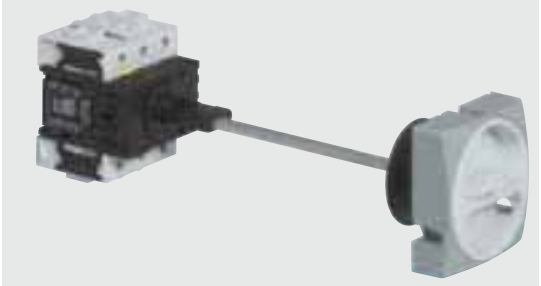
50 and 63 A dimensions	
A:	53.6
B:	85
C:	17.9
D:	□ 66
E:	42.2
X:	135 to 260 (short shaft) 260 to 410 (long shaft)

50 A

3P **168209**

63 A

3P **168309**



165409

80 A

3P **168409**

100 A

3P **168509**

80 and 100 A dimensions	
A:	71.8
B:	93
C:	26.8
D:	□ 86
E:	42.6
X:	145 to 270 (short shaft) 270 to 420 (long shaft)

Catalogue No. in bold: normally in stock at distribution outlets

Complete switch disconnectors 25 to 100 A

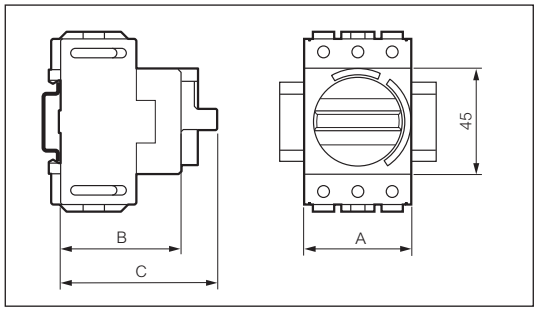
IP 40 as standard, IP 65 on request
Grey presentation

Characteristics (p. 306)

REAR MOUNTING

MODULAR IN-PANEL PRESENTATION

Cat. No.



Safety switch to disconnect and isolate poles.
IP 20 “finger safe”
Double break type load switching
Black handle on grey plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3
Approved by UL - cUL – Suitable as motor disconnect

25 A
3P **174005**

32 A
3P **174105**



174005

Dimensions
A: 44
B: 53
C: 79

50 A
3P **174205**

63 A
3P **174305**



174205

Dimensions
A: 53.6
B: 63
C: 89

80 A
3P **174405**

100 A
3P **174505**



174405

Dimensions
A: 71.8
B: 73
C: 99

Complete switch disconnectors 25 to 100 A

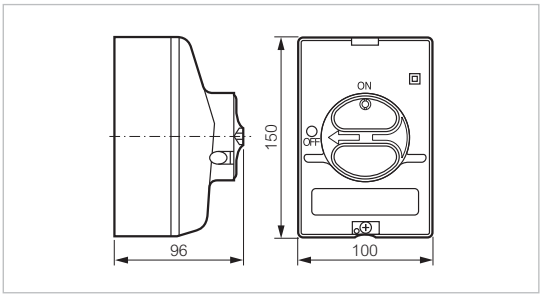
IP 40 as standard, IP 65 on request and
IP66 on enclosure version with integral handle version
Grey presentation

ENCLOSURES

Characteristics (p. 306)

INTEGRAL PADLOCKABLE PRESENTATION

Cat. No.



Safety switch to disconnect and isolate poles.
IP 20 "finger safe"
With clutch drive and
door interlock
Double break type load switching
Grey padlockable handle
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3

IP 66 - IK 7

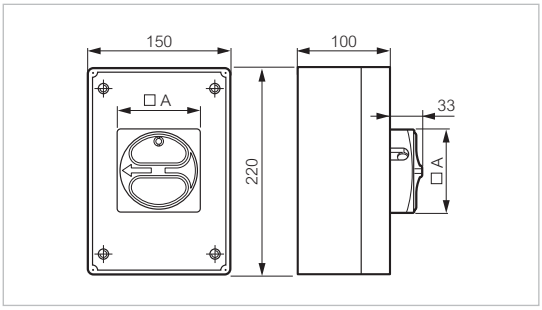
25 A
3P **174061**

32 A
3P **174161**



174061

PADLOCKABLE PRESENTATION



IP 40 (1)

50 A
3P **174261**

63 A
3P **174361**



174261

50 and 63 A dimensions
A: □ 66

80 and 100 A dimensions
A: □ 86

80 A
3P **174461**

100 A
3P **174561**

(1) IP 65 with seal ref. 172267 (50 to 63 A)
172277 (80 to 100 A)

Separate switch disconnectors - 25 and 32 A

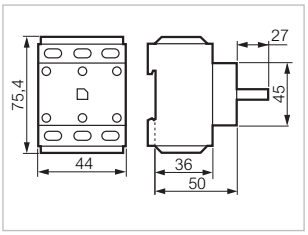
Characteristics (p. 306)

BLOCKS

Cat. No.



172000



3 pole switch body without presentation

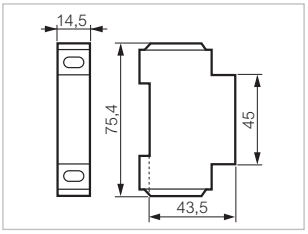
25 A **172000**
32 A **172100**



172065



172185



Additional pole
(for use in enclosure only)

25 A **172075**
32 A **172175**

Neutral pole

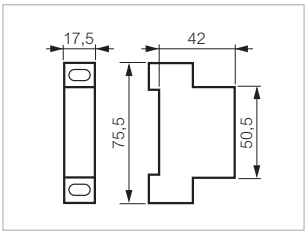
25 A **172065**
32 A **172165**

Junction block

⏚ or N **172185**



172179



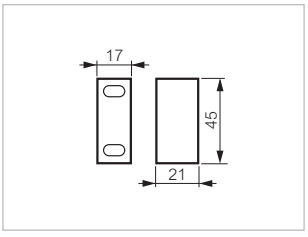
Auxiliary contact

NC/NO **172179**

1 pole early break **172195**



172195

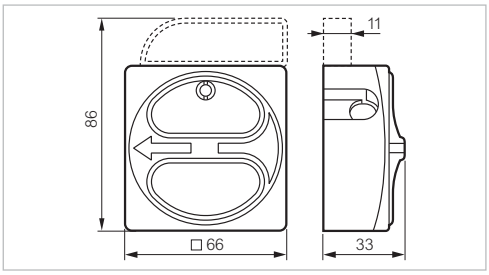


Separate switch disconnectors - 25 and 32 A

PRESENTATION

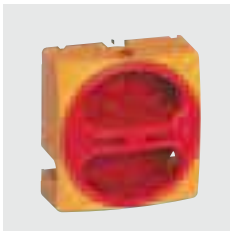
Characteristics (p. 306)

Cat. No.

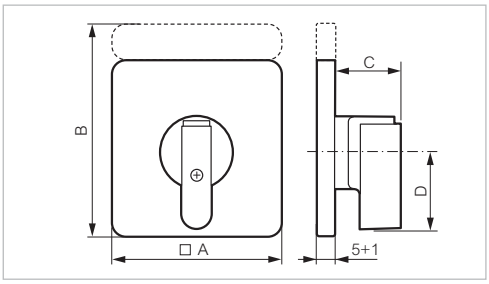


Padlockable presentation
Padlock with ø6 to 8 mm
with additional NC/NO

☐ 66 - Yellow/Red	**172601**
☐ 66 - Grey	**174601**
☐ 66 - ø 22 single-hole-mounting - Yellow/Red	**172603**



172601



With plate, frame and handle

☐ 64 - Yellow/Red	**172602**
☐ 48 - ø 22 single-hole-mounting - Yellow/Red	**172604**



172602

Dim. Ref. 172 602
A: ☐ 64
B: 80

Dim. ref. 172 604
A: ☐ 48
B: 65

Separate switch disconnectors - 25 and 32 A

Characteristics (p. 306)

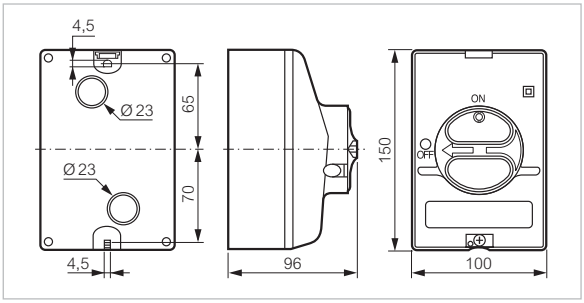
EMPTY ENCLOSURES

PADLOCKABLE PRESENTATION

Cat. No.



172399



Dimensions 150 x 100 x 96 mm
Supplied with padlockable handle, weatherproof seal and relay terminal
For 3 and 4 pole switches with and without NC/NO

IP66-IK7

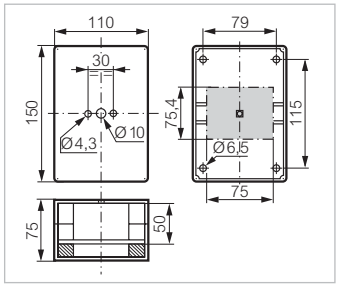
Grey base - yellow cover - red handle	**172399**
Grey base - grey cover - grey handle	**174399**

WITHOUT PRESENTATION

Cat. No.



172549



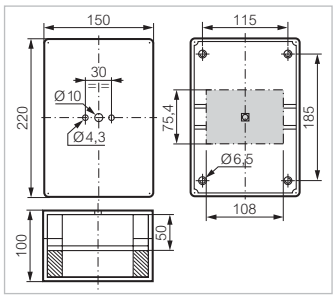
Grey - Up to 4 poles + auxiliary contact
150 x 110 x 75 mm — **172549**

PADLOCKABLE OR WITHOUT PRESENTATION

Cat. No.



172559



Grey - Up to 6 poles + auxiliary contact
220 x 150 x 100 mm — **172559**

Catalogue No. in bold: normally in stock at distribution outlets

Separate switch disconnectors - 25 and 32 A

ACCESSORIES

Characteristics (p. 306)



172167



174569



174189



172177

	Cat. No.
Terminal covers	
For 3 pole body switch	**172167**
For additional pole, neutral pole or junction block	**172177**
For auxiliary contact NC/NO (pair)	**172189**
For early break auxiliary contact	**172199**
Connection terminal kit	
Terminal connection for ground or neutral	**174449**
Self-adhesive plates (for enclosures)	
Blank	**174599**
Engraved INTER PRINCIPAL	**174559**
Engraved MAIN SWITCH	**174569**
Duty labels	
Blank	**172629**
Engraved INTER PRINCIPAL	**172639**
Engraved MAIN SWITCH	**172649**
Kit for clutch drive presentation	
Short shaft without door interlock	**174189**
Long shaft without door interlock	**174199**
Without shaft and without door interlock	**174179**
Kit for door interlock	**174249**
IP 65 seal kit	
For front mounting switches and enclosures	
Padlockable ☐ 66 or plate and frame ☐ 64 or ☐ 72	**172267**
Padlockable ☐ 86 or plate and frame ☐ 96	**172277**
For rear mounting switches with clutch drive	
Padlockable ☐ 66 or plate and frame ☐ 64 or ☐ 72	**174259**
Padlockable ☐ 86 or plate and frame ☐ 96	**174269**

Separate switch disconnectors - 50 and 63 A

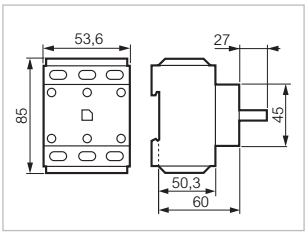
Characteristics (p. 306)

BLOCKS

Cat. No.



172300



3 pole body switch without presentation

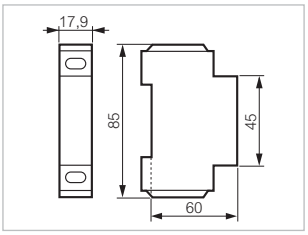
50 A **172200**
63 A **172300**



172375



172385



Additional pole
(for use in enclosure only)

50 A **172275**
63 A **172375**

Neutral pole

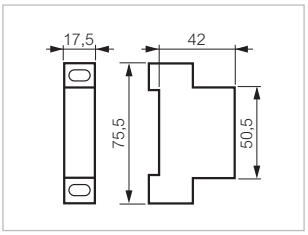
50 A **172265**
63 A **172365**

Junction block

⏚ or N **172385**



172179



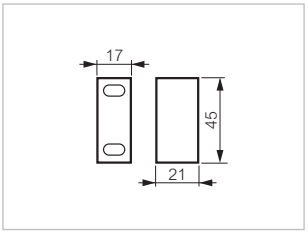
Auxiliary contact

NC/NO **172179**

1 pole early break **172395**



172395

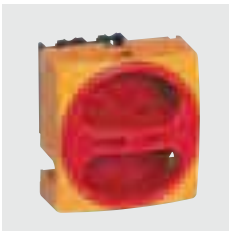


Separate switch disconnectors - 50 and 63 A

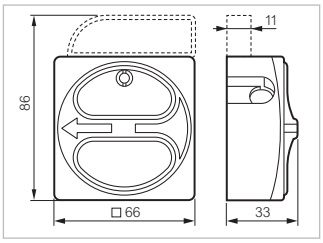
PRESENTATION

Characteristics (p. 306)

Cat. No.



172061

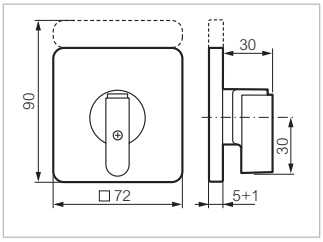


Padlockable presentation
Padlock: ø 6 to 8 mm
with additional auxiliary contacts NC/NO

☐ 66 - Yellow/Red	**172601**
☐ 66 - Grey	**174601**



172612



With plate, frame and handle

☐ 72 - Yellow/Red	**172612**

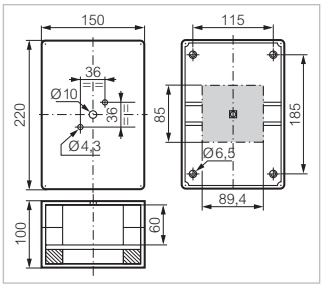
EMPTY ENCLOSURES

WITHOUT PRESENTATION

Cat. No.



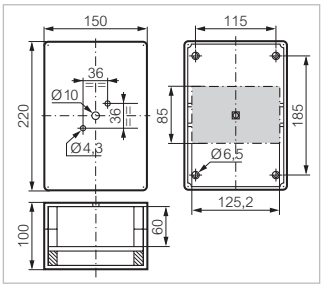
172569



Grey - Up to 4 poles + auxiliary contact
220 x 150 x 100 mm — **172569**



172579



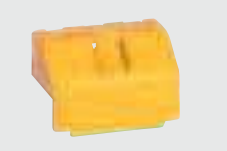
Grey - Up to 6 poles + auxiliary contact
220 x 150 x 100 mm — **172579**

Catalogue No. in bold: normally in stock at distribution outlets

Separate switch disconnectors - 50 and 63 A

Characteristics (p. 306)

ACCESSORIES



172367



172649



172267

	Cat. No.
Terminal covers	
For 3 pole switch	**172367**
For additional pole, neutral pole or junction block	**172377**
For NC/NO auxiliary contact (pair)	**172189**
For early break auxiliary contact	**172199**
Duty labels	
Blank	**172629**
Engraved INTER PRINCIPAL	**172639**
Engraved MAIN SWITCH	**172649**
Kit for clutch drive presentation	
Short shaft without door interlock	**174189**
Long shaft without door interlock	**174199**
Without shaft and without door interlock	**174179**
kit for door interlock	**174249**
IP 65 seal kit	
For front mounting switches and enclosures	
Padlockable ☐ 66 or plate and frame ☐ 64 or ☐ 72	**172267**
Padlockable ☐ 86 or plate and frame ☐ 96	**172277**
For rear mounting with clutch drive	
Padlockable ☐ 66 or plate and frame ☐ 64 or ☐ 72	**174259**
Padlockable ☐ 86 or plate and frame ☐ 96	**174269**

Separate switch disconnectors - 80 and 100 A

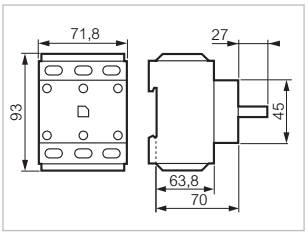
▶ BLOCKS

Characteristics (p. 306)

Cat. No.



172400



3 pole body switch without presentation

80 A	**172400**
100 A	**172500**



172475



172465

Additional pole
(for use in enclosure only)

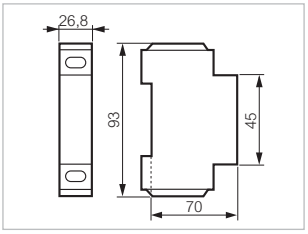
80 A	**172475**
100 A	**172575**

Neutral pole

80 A	**172465**
100 A	**172565**



172585



Junction block

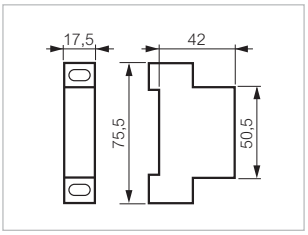
⏚ or N	**172585**

Auxiliary contact

NC/NO	**172179**
1 pole early break	**172595**

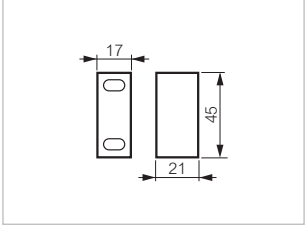


172179





172595

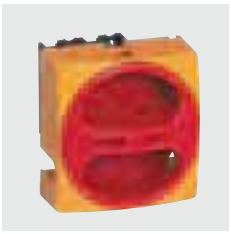


Separate switch disconnectors - 80 and 100 A

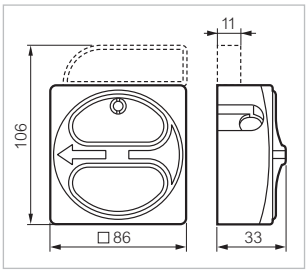
Characteristics (p. 306)

PRESENTATION

Cat. No.

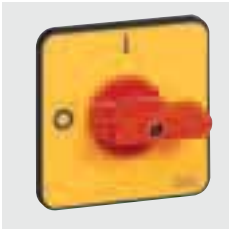


172621

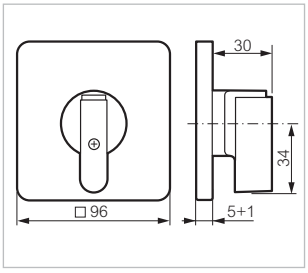


Padlockable presentation
Padlock: ø 6 to 8 mm
with additional auxiliary contacts NC/NO

☐ 86 - Yellow/Red **172621**
☐ 86 - Grey **174621**



172622



With plate, frame and handle

☐ 96 - Yellow/Red **172622**

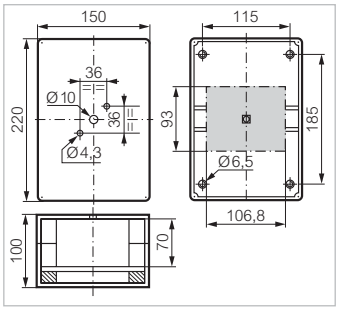
EMPTY ENCLOSURES

WITHOUT PRESENTATION

Cat. No.



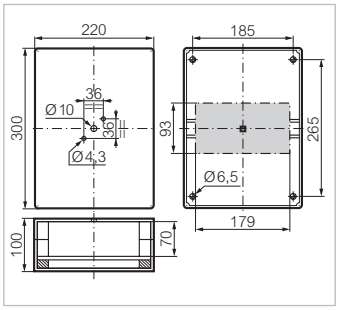
172589



Grey - Up to 3 poles + auxiliary contact **172589**
220 x 150 x 100 mm



172599



Grey - Up to 6 poles + auxiliary contact **172599**
300 x 200 x 100 mm

Catalogue No. in bold: normally in stock at distribution outlets

Separate switch disconnectors - 80 and 100 A

Characteristics (p. 306)

ACCESSORIES



172567



172649



172267

	Cat. No.
Terminal covers	
For 3 pole body switch	**172567**
For additional pole, neutral pole or junction block	**172577**
For NC/NO auxiliary contact (pair)	**172189**
For early break auxiliary contact	**172199**
Duty labels	
Blank	**172629**
Engraved INTER PRINCIPAL	**172639**
Engraved MAIN SWITCH	**172649**
Kit for clutch drive presentation	
Short shaft without door interlock	**174189**
Long shaft without door interlock	**174199**
Without shaft and without door interlock	**174179**
kit for door interlock	**174249**
IP 65 seal kit	
For front mounting switches and enclosures	
Padlockable ☐ 66 or plate and frame ☐ 64 or ☐ 72	**172267**
Padlockable ☐ 86 or plate and frame ☐ 96	**172277**
For rear mounting with clutch drive	
Padlockable ☐ 66 or plate and frame ☐ 64 or ☐ 72	**174259**
Padlockable ☐ 86 or plate and frame ☐ 96	**174269**

Technical characteristics

GENERAL

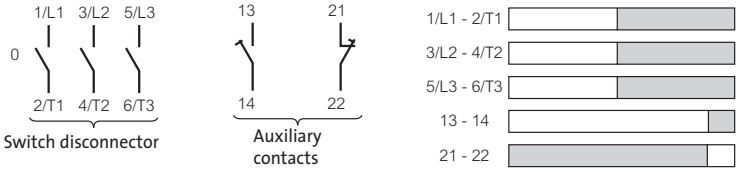
Characteristics		20 A	25 A	32 A	50 A	63 A	80 A	100 A
► Rated insulation voltage Ui (V)		690	690	690	690	690	690	690
► Conventional free air thermal current Ith Uninterrupted rated current Iu (A)		20	25	32	50	63	80	100
► Conventional enclosed thermal current Ithe (A)		16	20	25	40	50	63	80
► Rated impulse withstand voltage (overvoltage category III - pollution degree 3 Uimp (kV)		4	6	6	6	6	6	6
► Rated operating current Ie (A) AC - 21 A/22 A Conform to IEC 60947-3		16	25	32	50	63	80	100
► Rated operating power (kW)								
AC 23 A	3 x 230 V	4	5.5	5.5	15	15	18.5	22
	3 x 400 V	7.5	7.5	11	18.5	22	30	37
	3 x 500 V	5.5	7.5	11	22	30	37	45
	3 x 690 V	4	7.5	11	18.5	22	22	30
AC 3	3 x 230 V	3	4	4	7.5	11	15	18.5
	3 x 400 V	4	5.5	7.5	15	18.5	22	30
	3 x 500 V	5.5	5.5	7.5	15	22	30	37
	3 x 690 V	3	5.5	7.5	15	18.5	18.5	22
► **Make - break characteristics (Aeff/400 V)**								
	Rated make capacity	-	710	710	1270	1270	1970	1970
	Rated break capacity	-	330	330	800	800	800	800
► **Short circuit characteristics**								
	Rated short term withstand current Icw (Aeff/400 V/1 s)	250	350	430	500	760	1100	1500
	Rated short circuit make capacity Icm (kA peak/400 V)	-	1	1	1.8	1.8	2.8	2.8
	Short circuit current (kA eff/400 V)	6	10	10	10	10	10	10
	with fuse gI/gG (A)	16	25	32	50	63	80	100
► Mechanical life AC 20 (million)		1	0.1	0.1	0.04	0.04	0.04	0.04
► Connections								
	Stranded wire + (min/max) cap (mm^2)	0.75/2.5	0.75/6	0.75/6	1.5/16	1.5/16	2.5/35	2.5/35
	Solid wire (mm^2)	4	10	10	25	25	50	50
► Storage temperature		-30°C to +70 °C						
► Operating temperature		- 30°C to +70 °C						
► Protection rating		rear of panel: IPxxB front of panel IP 40 in standard version (IP 65 on request)						
► Conformity to standards		IEC 60697-3 -EN 60 947-3, UL508, CSA22.2						
► Approvals		UL - cUL (USA - Canada) suitable as motor disconnect. CB certification						
► Climatic resistance Tropical atmosphere according to		IEC 60068-2-30 Cyclic damp heat						

Technical characteristics

AUXILIARY CONTACTS

Characteristics	20 A	25 A	32 A	50 A	63 A	80 A	100 A
Rated insulation voltage Ui (V)	400	400	400	400	400	400	400
Conventional free air thermal current Ith Continuous rated current Iu (A)	20	10	10	10	10	10	10
Rated operating current Ie (A) AC 15							
230 V	6	6	6	6	6	6	6
400 V	-	4	4	4	4	4	4
Protection against short circuit by fuse gG (A)	16	10	10	10	10	10	10
Max. connection stranded wire (mm2)	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5

ENCLOSURES

Characteristics	150x100x96	220x150x100	220x150x100	220x150x100	220x150x100	300x200x100
Rating	20, 25 and 32 A 3P to 4P +NC/NO 20 A - 6P	25 and 32 A 6P and 6P +NC/NO	50 and 63 A 3P to 4P +NC/NO	50 and 63 A 6P and 6P +NC/NO	80 and 100 A 3P and 3P +NC/NO	80 et 100 A 4P to 6P +NC/NO
Cable inputs	2 x 2 Pg 16 or 2 x 2 M25	2 x 2 Pg 21	2 x 2 Pg 21	2 x 2 Pg 29	2 x 2 Pg 29	2 x 2 Pg 21 and 2 x 2 Pg 29
Ø knockouts (mm)	Pg 16: 22.5 ISO M25: 25	28.5	28.5	37.5	37.5	37.5 and 28.5
No. of knockouts (top and bottom)	2	2	2	2	2	4
Panel mount	by 2 screws	by 4 screws				
Base/cover assembly	by 1 screws self-tapping stainless steel	by 4 screws self-tapping stainless steel				by 6 screws self-tapping stainless steel
Switch/base assembly	on 35 mm DIN rail (this rail is notched for positioning the switch)					
Handles mounting	screwing on shaft	pre-pierced cover				
Insulation	Class II installed (provided that the correct insulation plugs are used with the enclosure)					
Impact withstand	IK07					
Flameproof	650°C					
Protection rating	IP 66	IP 40 (IP 65 upon request)				
Contact operating diagram						
Switch padlocking	In general: up to 3 padlocks ø 4 to 8 mm Switch with 1 auxiliary contact NC/NO: up to 3 padlocks ø 6 to 8 mm Modular presentation: 1 padlock ø 6 to 8 mm					

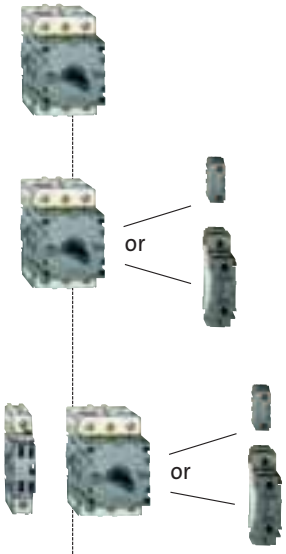
Enclosure selection guide

► 25 AND 32 A



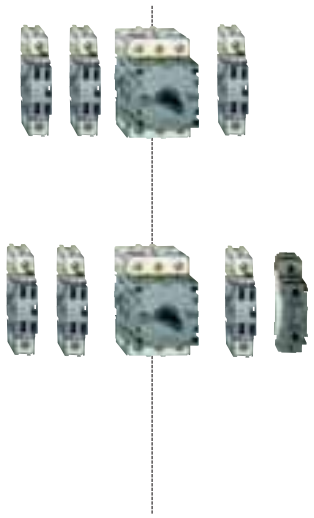
Example: switch disconnector 32 A
Enclosed 4 pole,
padlockable presentation

Enclosure 150 x 100 x 96 mm



3P to 4P + NC/NO

Enclosure 220 x 150 x 100 mm



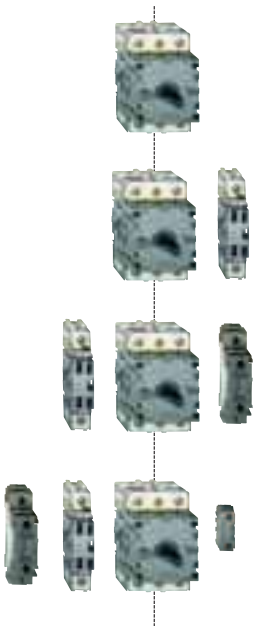
6P and 6P + NC/NO

► 50 AND 63 A



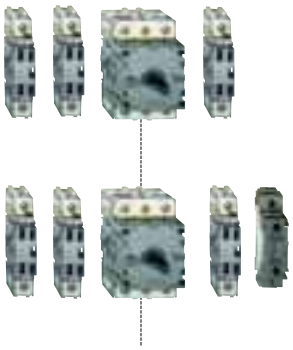
Example: switch disconnector 50 A
Enclosed 6 pole,
Plate, frame and handle presentation

Enclosure 220 x 150 x 100mm



3P to 4P + NC/NO

Enclosure 220 x 150 x 100 mm



6P and 6P + NC/NO

Enclosure selection guide

► 80 AND 100 A



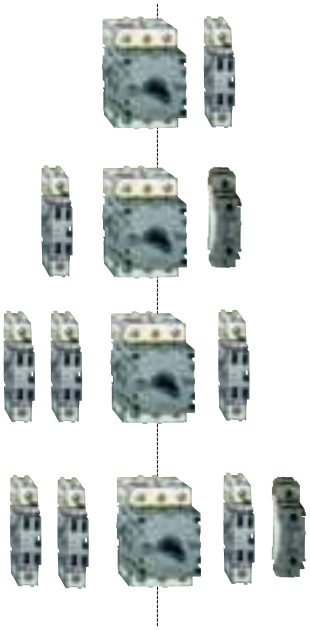
Example: switch disconnector 100 A
Enclosed 4 pole,
padlockable presentation

Enclosure 220 x 150 x 100 mm



3P and 3P + NC/NO

Enclosure 300 x 220 x 100 mm



4P and 6P + NC/NO

LEGEND



basic 3 pole block



additional pole
additional neutral pole
junction block



Auxiliary contact NC/NO



early break auxiliary contact

Possible configurations



(1) version with enclosure only

Complete switch disconnector p. 284 to 295

Permitted auxiliaries

Cross reference list previous range/new range Ø 22

Previous range cat. No.	New range cat. No.	Page	Previous range cat. No.	New range cat. No.	Page	Previous range cat. No.	New range cat. No.	Page	Previous range cat. No.	New range cat. No.	Page	Previous range cat. No.	New range cat. No.	Page
22P01	33P01	59	233EAGM11	333EAGM11	53	234E11	334E11	48	BX10410	LBX10410	83	C21AH40	L21AH40	37
22P10	33P10	59	233EAGM11D	333EDAGM11	57	234E22	334E22	48	BX10510	LBX10510	83	C21AH40L	L21AH40L	18
230E	331E	65	233EAGM20	333EAGM20	52	234EABH22	334EABH22	53	BX10610	LBX10610	82	C21AH50	L21AH50	37
230E01	331E01	48	233EARH01	333EARH01	52	234EABL22	334EABL22	53	BX11101	LBX11101	84	C21AH50L	L21AH50L	18
230E01D	331ED01	50	233EARH01D	333EDARH01	57	234EABM22	334EABM22	53	BX11102	LBX11102	84	C21AH60	L21AH60	37
230E01R	331ER01	49	233EARH10	333EARH10	51	234EAGH22	334EAGH22	53	BX11301	LBX11301	84	C21AH60L	L21AH60L	18
230E10	331E10	48	233EARH10D	333EDARH10	56	234EAGL22	334EAGL22	53	BX11302	LBX11302	84	C21AK10	L21AK10	38
230E10R	331ER10	49	233EARH11	333EARH11	53	234EAGM22	334EAGM22	53	BX12510	LBX12510	82	C21AK20	L21AK20	38
230EABH	331EABH	51	233EARH11D	333EDARH11	57	234EARH22	334EARH22	53	BX12610	LBX12610	83	C21AK40	L21AK40	38
230EABHD	331EDABH	56	233EARH20	333EARH20	52	234EARL22	334EARL22	53	BX14201	LBX14201	84	C21AK50	L21AK50	38
230EABL	331EABL	51	233EARL01	333EARL01	52	234EARM22	334EARM22	53	BX14202	LBX14202	84	C21AK60	L21AK60	38
230EABLD	331EDABL	56	233EARL01D	333EDARL01	57	234EAWH22	334EAWH22	53	BX15101	LBX15101	84	C21AL10	L21AL10	38
230EABM	331EABM	51	233EARL10	333EARL10	51	234EAWL22	334EAWL22	53	BX15102	LBX15102	84	C21AL20	L21AL20	38
230EABMD	331EDABM	56	233EARL10D	333EDARL10	56	234EAWM22	334EAWM22	53	BX15301	LBX15301	84	C21AL40	L21AL40	38
230EAGH	331EAGH	51	233EARL11	333EARL11	53	234EAYH22	334EAYH22	53	BX15302	LBX15302	84	C21AL50	L21AL50	38
230EAGHD	331EDAGH	56	233EARL11D	333EDARL11	57	234EAYL22	334EAYL22	53	BX17101	LBX17101	83	C21CA01	L21CA01	24
230EAGL	331EAGL	51	233EARL20	333EARL20	52	234EAYM22	334EAYM22	53	BX17102	LBX17102	83	C21CA02	L21CA02	24
230EAGLD	331EDAGL	56	233EARM01	333EARM01	52	235E	335E	65	BX17202	LBX17202	83	C21CA03	L21CA03	24
230EAGM	331EAGM	51	233EARM01D	333EDARM01	57	23E01	33E01	58	BX17301	LBX17301	83	C21CA04	L21CA04	24
230EAGMD	331EDAGM	56	233EARM10	333EARM10	51	23E01C	33E01C	58	BX17302	LBX17302	83	C21CA05	L21CA05	23
230EARH	331EARH	51	233EARM10D	333EDARM10	56	23E01D	33D01	58	BX20120	LBX20120	85	C21CA06	L21CA06	24
230EARHD	331EDARH	56	233EARM11	333EARM11	53	23E01R	33R01	58	BX30430	LBX30430	85	C21CB01	L21CB01	25
230EARL	331EARL	51	233EARM11D	333EDARM11	57	23E01Y7	33E01Y7	58	C20DQ01	L22DQ01	26	C21CB02	L21CB02	25
230EARLD	331EDARL	56	233EARM20	333EARM20	52	23E01Y7	33P01Y7	59	C20DR01	L22DR01	27	C21CB03	L21CB03	25
230EARM	331EARM	51	233EAWH01	333EAWH01	52	23E10	33E10	58	C20DR01-G1	L22DR01B	16	C21CB04	L21CB04	25
230EARMD	331EDARM	56	233EAWH01D	333EDAWH01	57	23E10D	33D10	58	C20ER01	L22ER01	27	C21CB05	L21CB05	25
230EAWH	331EAWH	51	233EAWH10	333EAWH10	51	23E10R	33R10	58	C20ER01X	L22ER01D	16	C21CB06	L21CB06	25
230EAWHD	331EDAWH	56	233EAWH10D	333EDAWH10	56	23E10Y7	33E10Y7	58	C20GQ01	L22GQ01	26	C21CH10	L21CH10	40
230EAWL	331EAWL	51	233EAWH11	333EAWH11	53	23E10Y7	33P10Y7	59	C20GR01	L22GR01	27	C21CH20	L21CH20	40
230EAWLD	331EDAWL	56	233EAWH11D	333EDAWH11	57	23E11	33E11	58	C20GR01B	L22GR01B	17	C21CH40	L21CH40	40
230EAWM	331EAWM	51	233EAWH20	333EAWH20	52	23EABH	33EABH	60	C20SA10	L20SE10	45	C21CH50	L21CH50	40
230EAWMD	331EDAWM	56	233EAWL01	333EAWL01	52	23EABHS	33SABH	62	C20SA10H	L20SE10H	20	C21CH60	L21CH60	40
230EAYH	331EAYH	51	233EAWL01D	333EDAWL01	57	23EABL	33EABL	60	C20SA10L	L20SE10L	20	C21CK10	L21CK10	40
230EAYHD	331EDAYH	56	233EAWL10	333EAWL10	51	23EABL4	33EABL4	60	C20SA10M	L20SE10M	20	C21CK20	L21CK20	40
230EAYL	331EAYL	51	233EAWL10D	333EDAWL10	56	23EABLS	33SABL	62	C20SA20	L20SE20	45	C21CK40	L21CK40	40
230EAYLD	331EDAYL	56	233EAWL11	333EAWL11	53	23EABM	33EABM	60	C20SA20H	L20SE20H	20	C21CK50	L21CK50	40
230EAYM	331EAYM	51	233EAWL11D	333EDAWL11	57	23EABMS	33SABM	62	C20SA20L	L20SE20L	20	C21CK60	L21CK60	40
230EAYMD	331EDAYM	56	233EAWL20	333EAWL20	52	23EAGH	33EAGH	60	C20SA20M	L20SE20M	20	C21EC02	L22EC02	25
230ECBH	331ERABH	54	233EAWM01	333EAWM01	52	23EAGHS	33SAGH	62	C20SA40	L20SE40	45	C21EC04	L22EC04	25
230ECBL	331ERABL	54	233EAWM01D	333EDAWM01	57	23EAGL	33EAGL	60	C20SA40H	L20SE40H	20	C21EM20	L22EM20	41
230ECBM	331ERABM	54	233EAWM10	333EAWM10	51	23EAGL4	33EAGL4	60	C20SA40L	L20SE40L	20	C21EM40	L22EM40	41
230ECGH	331ERAGH	54	233EAWM10D	333EDAWM10	56	23EAGLS	33SAGL	62	C20SA40M	L20SE40M	20	C21GM01E	L22GM01E	15
230ECGL	331ERAGL	54	233EAWM11	333EAWM11	53	23EAGM	33EAGM	60	C20SA50	L20SE50	45	C21HA01	L21HA01	35
230ECGM	331ERAGM	54	233EAWM11D	333EDAWM11	57	23EAGMS	33SAGM	62	C20SA50H	L20SE50H	20	C21HA02	L21HA02	35
230ECRH	331ERARH	54	233EAWM20	333EAWM20	52	23EARH	33EARH	60	C20SA50L	L20SE50L	20	C21HA03	L21HA03	35
230ECRL	331ERARL	54	233EAYH01	333EAYH01	52	23EARHS	33SARH	62	C20SA50M	L20SE50M	20	C21HA04	L21HA04	35
230ECRM	331ERARM	54	233EAYH01D	333EDAYH01	57	23EARL	33EARL	60	C20SA60	L20SE60	45	C21HA05	L21HA05	35
230ECWH	331ERAWH	54	233EAYH10	333EAYH10	51	23EARL4	33EARL4	60	C20SA60H	L20SE60H	20	C21HA06	L21HA06	35
230ECWL	331ERAWL	54	233EAYH10D	333EDAYH10	56	23EARLS	33SARL	62	C20SA60L	L20SE60L	20	C21HA31	L21HA31	35
230ECWM	331ERAWM	54	233EAYH11	333EAYH11	53	23EARM	33EARM	60	C20SA60M	L20SE60M	20	C21HA32	L21HA32	35
230ECYH	331ERAYH	54	233EAYH11D	333EDAYH11	57	23EARMS	33SARM	62	C20SB10	L20SE31	45	C21HA33	L21HA33	35
230ECYL	331ERAYL	54	233EAYH20	333EAYH20	52	23EAWH	33EAWH	60	C20SB20	L20SE32	45	C21HA34	L21HA34	35
230ECYM	331ERAYM	54	233EAYL01	333EAYL01	52	23EAWHS	33SAWH	62	C20SB40	L20SE34	45	C21HA35	L21HA35	35
231E10D	331ED10	50	233EAYL01D	333EDAYL01	57	23EAWL	33EAWL	60	C20SB50	L20SE35	45	C21HA36	L21HA36	35
233E	333E	65	233EAYL10	333EAYL10	51	23EAWL4	33EAWL4	60	C20SB60	L20SE36	45	C21HB01	L21HB01	35
233E01	333E01	48	233EAYL10D	333EDAYL10	56	23EAWLS	33SAWL	62	C20UA41	L22DU01A	27	C21HB02	L21HB02	35
233E01R	333ER01	49	233EAYL11	333EAYL11	53	23EAWM	33EAWM	60	C20UA42	L22DU01	27	C21HB03	L21HB03	35
233E02	333E02	48	233EAYL11D	333EDAYL11	57	23EAWMS	33SAWM	62	C21AA00	L21AA00	21	C21HB04	L21HB04	35
233E02R	333ER02	49	233EAYL20	333EAYL20	52	23EAYH	33EAYH	60	C21AA01	L21AA01	21	C21HB05	L21HB05	35
233E03	333E03	48	233EAYM01	333EAYM01	52	23EAYHS	33SAYH	62	C21AA01B	L21AA01B	12	C21HB06	L21HB06	35
233E03R	333ER03	49	233EAYM01D	333EDAYM01	57	23EAYL	33EAYL	60	C21AA02	L21AA02	21	C21KA01	L21KA01	28
233E10	333E10	48	233EAYM10	333EAYM10	51	23EAYL4	33EAYL4	60	C21AA02A	L21AA02A	12	C21KA02	L21KA02	28
233E10R	333ER10	49	233EAYM10D	333EDAYM10	56	23EAYLS	33SAYL	62	C21AA03	L21AA03	21	C21KA03	L21KA03	28
233E11	333E11	48	233EAYM11	333EAYM11	53	23EAYM	33EAYM	60	C21AA03A	L21AA03A	12	C21KA08	L21KA08	28
233E11D	333ED11	50	233EAYM11D	333EDAYM11	57	23EAYMS	33SAYM	62	C21AA04	L21AA04	21	C21KB01	L21KB01	28
233E11R	333ER11	49	233EAYM20	333EAYM20	52	23ECBH	33DABH	61	C21AA04C	L21AA04C	12	C21KB02	L21KB02	28
233E12	333E12	48	233ECBH01	333ERABH01	55	23ECBH	33RABH	61	C21AA05	L21AA05	21	C21KB03	L21KB03	28
233E20	333E20	48	233ECBH10	333ERABH10	54	23ECBL	33DABL	61	C21AA06	L21AA06	21	C21KB08	L21KB08	28
233E20R	333ER20	49	233ECBH11	333ERABH11	55	23ECBL	33RABL	61	C21AA06A	L21AA06A	12	C21KC01	L21KC01	28
233E21	333E21	48	233ECBL01	333ERABL01	55	23ECBM	33DABM	61	C21AA31	L21AA31	21	C21KC02	L21KC02	28
233E30	333E30	48	233ECBL10	333ERABL10	54	23ECBM	33RABM	61	C21AA32	L21AA32	21	C21KC03	L21KC03	28
233E30R	333ER30	49	233ECBL11	333ERABL11	55	23ECGH	33DAGH	61	C21AA33	L21AA33	21	C21KC08	L21KC08	28
233EABH01	333EABH01	52	233ECBM01	333ERABM01	55	23ECGH	33RAGH	61	C21AA34	L21AA34	21	C21KD01	L21KD01	28
233EABH01D	333EDABH01	57	233ECBM10	333ERABM10	54	23ECGL	33DAGL	61	C21AA35	L21AA35	21	C21KD02	L21KD02	28
233EABH10	333EABH10	51	233ECBM11	333ERABM11	55	23ECGL	33RAGL	61	C21AA36	L21AA36	21	C21KD03	L21KD03	28
233EABH10D	333EDABH10	56	233ECGH01	333ERAGH01	55	23ECGM	33DAGM	61	C21AA81	L21AA81	21	C21KD08	L21KD08	28
233EABH11	333EABH11	53	233ECGH10	333ERAGH10	54	23ECGM	33RAGM	61	C21AA81B	L21AA81B	12	C21KE01	L21KE01	28
233EABH11D	333EDABH11	57	233ECGH11	333ERAGH11	55	23ECRH	33DARH	61	C21AA82	L21AA82	21	C21KE02	L21KE02	28
233EABH20	333EABH20	52	233ECGL01	333ERAGL01	55	23ECRH	33RARH	61	C21AA82B	L21AA82B	12	C21KE03	L21KE03	28
233EABL01	333EABL01	52	233ECGL10	333ERAGL10	54	23ECRL	33DARL	61	C21AA83	L21AA83	21	C21KE03X	L21KE03B	13
233EABL01D	333EDABL01	57	233ECGL11	333ERAGL11	55	23ECRL	33RARL	61	C21AB01	L21AB01	22	C21KE08	L21KE08	28
233EABL10	333EABL10	51	233ECGM01	333ERAGM01	55	23ECRM	33DARM	61	C21AB01A	L21AB01A	12	C21KF01	L21KF01	28
233EABL10D	333EDABL10	56	233ECGM10	333ERAGM10	54	23ECRM	33RARM	61	C21AB02	L21AB02	22	C21KF02	L21KF02	28
233EABL11	333EABL11	53	233ECGM11	333ERAGM11	55	23ECWH	33DAWH	61	C21AB03	L21AB03	22	C21KF03	L21KF03	28
233EABL11D	333EDABL11	57	233ECRH01	333ERARH01	55	23ECWH	33RAWH	61	C21AB04	L21AB04	22	C21KF08	L21KF08	28
233EABL20	333EABL20	52	233ECRH10	333ERARH10	54	23ECWL	33DAWL	61	C21AB05	L21AB05	22	C21KG51	L21KG10	42
233EABM01	333EABM01	52	233ECRH11	333ERARH11	55	23ECWL	33RAWL	61	C21AB06	L21AB06	22	C21KG51X	L21KG10C	19
233EABM01D	333EDABM01	57	233ECRL01	333ERARL01	55	23ECWM	33DAWM	61	C21AC01	L21AC01	22	C21KG52	L21KG20	42
233EABM10	333EABM10	51	233ECRL10	333ERARL10	54	23ECWM	33RAWM	61	C21AC02	L21AC02	22	C21KG52X	L21KG20E	19
233EABM10D	333EDABM10	56	233ECRL11	333ERARL11	55	23ECYH	33DAYH	61	C21AC03	L21AC03	22	C21KG53	L21KG30	42
233EABM11	333EABM11	53	233ECRM01	333ERARM01	55	23ECYH	33RAYH	61	C21AD01	L21AD01	23	C21KG53X	L21KG30B	19
233EABM11D	333EDABM11	57	233ECRM10	333ERARM10	54	23ECYL	33DAYL	61	C21AD01C	L21AD01C	14	C21KH51	L21KH10	42
233EABM20	333EABM20	52	233ECRM11	333ERARM11	55	23ECYL	33RAYL	61	C21AD02	L21AD02	23	C21KH52	L21KH20	42
233EAGH01	333EAGH01	52	233ECWH01	333ERAWH01	55	23ECYM	33DAYM	61	C21AD03	L21AD03	23	C21KH53	L21KH30	42
233EAGH01D	333EDAGH01	57	233ECWH10	333ERAWH10	54	23ECYM	33RAYM	61	C21AD04	L21AD04	23	C21KJ51	L21KJ10	42
233EAGH10	333EAGH10	51	233ECWH11	333ERAWH11	55	23EHC	33EHC	63	C21AE01	L21AE01	23	C21KJ52	L21KJ20	42
233EAGH10D	333EDAGH10	56	233ECWL01	333ERAWL01	55	23ELC	33ELC	63	C21AE03	L21AE03	23	C21KJ53	L21KJ30	42
233EAGH11	333EAGH11	53	233ECWL10	333ERAWL10	54	23ET	33ET	63	C21AH00	L21AH00	37	C21KK51	L21KK10	42
233EAGH11D	333EDAGH11	57	233ECWL11	333ERAWL11	55	23ETT	33ETT	63	C21AH10	L21AH10	37	C21KK52	L21KK20	42
233EAGH20	333EAGH20	52	233ECWM01	333ERAWM01	55	23EX	33EX	64	C21AH10H	L21AH10H	18	C21KK53	L21KK30	42
233EAGL01	333EAGL01	52	233ECWM10	333ERAWM10	54	23EY	33EY	64	C21AH10L	L21AH10L	18	C21KL51	L21KL10	42
233EAGL01D	333EDAGL01	57	233ECWM11	333ERAWM11	55	23S01	33S01	59	C21AH10M	L21AH10M	18	C21KL52	L21KL20	42
233EAGL10	333EAGL10	51	233ECYH01	333ERAYH01	55	23S10	33S10	59	C21AH20	L21AH20	37	C21KL53	L21KL30	42
233EAGL10D	333EDAGL10	56	233ECYH10	333ERAYH10	54	BX0100	LBX0100	86	C21AH20J	L21AH20H	18	C21KM51	L21KM10	42
233EAGL11	333EAGL11	53	233ECYH11	333ERAYH11	55	BX0100J	LBX0100J	86	C21AH20L	L21AH20L	18	C21KM52	L21KM20	42
233EAGL11D	333EDAGL11	57	233ECYL01	333ERAYL01	55	BX0200	LBX0200	86	C21AH20M	L21AH20M	18	C21KM53	L21KM30	42
233EAGL20	333EAGL20	52	233ECYL10	333ERAYL10	54	BX0300	LBX0300	87	C21AH31	L21AH31	37	C21KP01	L21KP01	30
233EAGM01	333EAGM01	52	233ECYL11	333ERAYL11	55	BX0500	LBX0500	89	C21AH32	L21AH32	37	C21KP02	L21KP02	30
233EAGM01D	333EDAGM01	57	233ECYM01	333ERAYM01	55	BX10110	LBX10110	82	C21AH34	L21AH34	37	C21KP03	L21KP03	30
233EAGM10	333EAGM10	51	233ECYM10	333ERAYM10	54	BX10210	LBX10210	82	C21AH35	L21AH35	37	C21KP08	L21KP08	30
233EAGM10D	333EDAGM10	56	233ECYM11	333ERAYM11	55	BX10310	LBX10310	83	C21AH36	L21AH36	37	C21KQ01	L21KQ01	30

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C21KQ02	L21KQ02	30	C22ED01D	L22ED01D	14	S20SB20	L20SA32	45	T16FD01	T16FD01	106	UE02	UE02	114
C21KQ03	L21KQ03	30	C22ED01G	L22ED01B	25	S20SB20H	L20SA32H	46	T16FD02	T16FD02	106	UE10	UE10	114
C21KR01	L21KR01	30	C22ED02	L22ED02	25	S20SB20L	L20SA32L	46	T16FD03	T16FD03	106	UG3	UG3	113
C21KR02	L21KR02	30	C22ED03	L22ED03	25	S20SB20M	L20SA32M	46	T16FD04	T16FD04	106	UG31	UG31	112
C21KR03	L21KR03	30	C22ED04	L22ED04	25	S20SB30	L20SA33	45	T16GF00	T16GF00	105	UG33	UG33	112
C21KS01	L21KS01	30	C22EL10	L22EL10	41	S20SB40	L20SA34	45	T16GG00	T16GG00	105	UG39	UG39	112
C21KS02	L21KS02	30	C22EM10	L22EM10	41	S20SB40H	L20SA34H	46	T16GH00	T16GH00	105	UP3	UP3	113
C21KS03	L21KS03	30	C22GM01	L22GM01	26	S20SB40L	L20SA34L	46	T16GJ00	T16GJ00	105	UP31	UP31	112
C21KT01	L21KT01	30	C28DC01	L22DC01	25	S20SB40M	L20SA34M	46	T16GK00	T16GK00	105	UP33	UP33	112
C21KT02	L21KT02	30	C28DD01	L22DD01	26	S20SB50	L20SA35	45	T16GL00	T16GL00	105	UP37	UP37	112
C21KT03	L21KT03	30	C28DD01A	L22DD01A	15	S20SB50H	L20SA35H	46	T16GM00	T16GM00	105	UP39	UP39	112
C21KU01	L21KU01	30	C28DD03	L22DD03	26	S20SB50L	L20SA35L	46	T16GM01	T16GM01	106	V62QH02	L62QH21	38
C21KU02	L21KU02	30	C28DL10	L22DL10	41	S20SB50M	L20SA35M	46	T16GP01	T16GP01	106	V62QH20	L62QH21A	38
C21KU03	L21KU03	30	C28DM10	L22DM10	41	S20SB60	L20SA36	36	T16KA01	T16KA01	102	V62QH22	L62QH22V	38
C21KV53	L21KV30	44	C28DM20	L22DM20	41	S20SB60H	L20SA36H	46	T16KA03	T16KA03	102	V62QM02	L62QM21	23
C21KX53	L21KX30	44	C28DM40	L22DM40	41	S20SB60L	L20SA36L	46	T16KA08	T16KA08	102	V62QN02	L62QN21	39
C21KY53	L21KY30	44	C28DM50	L22DM50	41	S20SB60M	L20SA36M	46	T16KC01	T16KC01	102	WA0201	LWA0201	77
C21LA00	L21LA00	33	F24AA01	L23AA01	22	T10	LT10	74	T16KC03	T16KC03	102	WA0203	LWA0203	75
C21LA00G	L21LA00G	13	F24AA02	L23AA02	22	T10SB10V	T10SB10V	111	T16KC08	T16KC08	102	WA0204	LWA0204	75
C21LB00	L21LB00	33	F24AA03	L23AA03	22	T10SB20V	T10SB20V	111	T16KD01	T16KD01	102	WA0205	LWA0205	75
C21LC00	L21LC00	33	F24AA04	L23AA04	22	T10SB30V	T10SB30V	111	T16KD03	T16KD03	102	WA0210	WA0210	116
C21LD00	L21LD00	33	F24AA05	L23AA05	22	T10SB40V	T10SB40V	111	T16KD08	T16KD08	102	WA0216	LWA0216	76
C21LF00	L21LF00	33	F24AA31	L23AA31	22	T10SB50V	T10SB50V	111	T16KF01	T16KF01	102	WA0219	LWA0219	78
C21LG00	L21LG00	33	F24AA32	L23AA32	22	T10SB60V	T10SB60V	111	T16KF03	T16KF03	102	WA0223	LWA0223	75
C21LH00	L21LH00	33	F24AA33	L23AA33	22	T12AF01	T12AF01	100	T16KF08	T16KF08	102	WA0225	LWA0225	76
C21LK00	L21LK00	33	F24AA34	L23AA34	22	T12AF02	T12AF02	100	T16KG10	T16KG10	110	WA0226	LWA0226	78
C21MA01	L21MA01	29	F24AA35	L23AA35	22	T12AF03	T12AF03	100	T16KG20	T16KG20	110	WA0228	LWA0228	75
C21MA02	L21MA02	29	F24AA36	L23AA36	22	T12AF04	T12AF04	100	T16KG50	T16KG50	110	WA0229	LWA0229	77
C21MA03	L21MA03	29	F24AA81	L23AA81	22	T12AG01	T12AG01	100	T16KJ10	T16KJ10	110	WA0230	LWA0230	76
C21MA03A	L21MA03A	13	F24AA82	L23AA82	22	T12AG02	T12AG02	100	T16KJ20	T16KJ20	110	WA0234	LWA0234	78
C21MA08	L21MA08	29	F24AH10	L23AH10	37	T12AG03	T12AG03	100	T16KJ50	T16KJ50	110	WA0237	LWA0237	77
C21MB01	L21MB01	29	F24AH20	L23AH20	37	T12AG04	T12AG04	100	T16KK10	T16KK10	110	WA0238	LWA0238	78
C21MB02	L21MB02	29	F24AH25	L23AH35	37	T12AG05	T12AG05	100	T16KK20	T16KK20	110	WA0239	LWA0239	76
C21MB03	L21MB03	29	F24AH31	L23AH31	37	T12AG06	T12AG06	100	T16KK50	T16KK50	110	WA0240	LWA0240	76
C21MB08	L21MB08	29	F24AH32	L23AH32	37	T12AP10	T12AP10	108	T16KM10	T16KM10	110	WA31	LT01	74
C21MC01	L21MC01	29	F24AH34	L23AH34	37	T12AP20	T12AP20	108	T16KM20	T16KM20	110	WA31000	LT21	74
C21MC02	L21MC02	29	F24AH36	L23AH36	37	T12AP30	T12AP30	108	T16KM50	T16KM50	110	WA32	LT02	74
C21MC03	L21MC03	29	F24AH40	L23AH40	37	T12AP40	T12AP40	108	T16KP01	T16KP01	103	WA32000	LT22	74
C21MC08	L21MC08	29	F24AH50	L23AH50	37	T12AP50	T12AP50	108	T16KP03	T16KP03	103	WA33	LT03	74
C21MD01	L21MD01	29	F24AH60	L23AH60	37	T12HA01	T12HA01	107	T16KP08	T16KP08	103	WA33000	LT23	74
C21MD02	L21MD02	29	F24CH10	L23CH10	40	T12HA02	T12HA02	107	T16KR01	T16KR01	103	WA34	LT04	74
C21MD03	L21MD03	29	F24CH20	L23CH20	40	T12HA03	T12HA03	107	T16KR03	T16KR03	103	WA34000	LT24	74
C21MD03A	L21MD03A	13	F24CH40	L23CH40	40	T12HA04	T12HA04	107	T16KR08	T16KR08	103	WA35	LT05	74
C21MD08	L21MD08	29	F24CH50	L23CH50	40	T12HA05	T12HA05	107	T16KS01	T16KS01	103	WA35000	LT25	74
C21ME51	L21ME10	43	F24CH60	L23CH60	40	T12HA06	T12HA06	107	T16KS03	T16KS03	103	WA36	LT06	74
C21ME52	L21ME20	43	I2B	I2B	112	T12HG01	T12HG01	107	T16KS08	T16KS08	103	WA36000	LT26	74
C21ME53	L21ME30	43	I2C	I2C	113	T12HG02	T12HG02	107	T16LA00	T16LA00	104	WDF220	LWDF230	77
C21MF51	L21MF10	43	IA1	LIA1	67	T12HG03	T12HG03	107	T16LC00	T16LC00	104	WDN220	LWDN230	77
C21MF52	L21MF20	43	IA3	LIA3	67	T12HG04	T12HG04	107	T16LD00	T16LD00	104	WE00100	LWE00100	65
C21MF53	L21MF30	43	IA5	LIA5	67	T12HG05	T12HG05	107	T16LF00	T16LF00	104	WE00200	LWE00200	65
C21MG51	L21MG10	43	IA7	LIA7	67	T12HG06	T12HG06	107	T16MA01	T16MA01	102	WE00300	LWE00300	65
C21MG52	L21MG20	43	IA9	LIA9	67	T15SB10V	T15SB10V	111	T16MA03	T16MA03	102	WE16100	LWE16100	65
C21MG53	L21MG30	43	IA9081	LIA9081	68	T15SB20V	T15SB20V	111	T16MA08	T16MA08	102	WE16200	LWE16200	65
C21MH51	L21MH10	43	IA9082	LIA9082	68	T15SB30V	T15SB30V	111	T16MC01	T16MC01	102	WE16300	LWE16300	65
C21MH52	L21MH20	43	IA9091	LIA9091	68	T15SB40V	T15SB40V	111	T16MC03	T16MC03	102	WG3	LWG3	69
C21MH53	L21MH30	43	IA9191	LIA9191	68	T15SB50V	T15SB50V	111	T16MC08	T16MC08	102	WG31	LWG31	66
C21MJ51	L21MJ10	43	IA9291	LIA9291	68	T15SB60V	T15SB60V	111	T16MD01	T16MD01	102	WG33	LWG33	66
C21MJ52	L21MJ20	43	IA9301	LIA9301	68	T16AA01	T16AA01	100	T16MD03	T16MD03	102	WG35	LWG35	66
C21MJ53	L21MJ30	43	IA9303	LIA9303	68	T16AA02	T16AA02	100	T16MD08	T16MD08	102	WG37	LWG37	66
C21MK01	L21MK01	29	IA9304	LIA9304	68	T16AA03	T16AA03	100	T16ME10	T16ME10	110	WG39	LWG39	66
C21MK02	L21MK02	29	IA9315	LIA9315	68	T16AA04	T16AA04	100	T16ME20	T16ME20	110	WP2	LWP2	69
C21MK03	L21MK03	29	IA9327	LIA9327	68	T16AA05	T16AA05	100	T16ME50	T16ME50	110	WP3	LWP3	69
C21MK08	L21MK08	29	IB1	IB1	112	T16AA06	T16AA06	100	T16MG10	T16MG10	110	WP31	LWP31	66
C21ML53	L21ML30	44	IB1	LIB1	67	T16AA81	T16AA81	100	T16MG20	T16MG20	110	WP33	LWP33	66
C21MM53	L21MM30	44	IB3	IB3	112	T16AA82	T16AA82	100	T16MG50	T16MG50	110	WP35	LWP35	66
C21MN53	L21MN30	44	IB3	LIB3	67	T16AA83	T16AA83	100	T16MH10	T16MH10	110	WP37	LWP37	66
C21MP53	L21MP30	44	IB5	LIB5	67	T16AB01	T16AB01	100	T16MH20	T16MH20	110	WP39	LWP39	66
C21MR01	L21MR01	31	IB7	IB7	112	T16AB02	T16AB02	100	T16MH50	T16MH50	110	WP4	LWP4	69
C21MR02	L21MR02	31	IB7	LIB7	67	T16AB03	T16AB03	100	T16MJ10	T16MJ10	110	XXXH	33EFH	64
C21MR03	L21MR03	31	IB9	IB9	112	T16AB05	T16AB05	100	T16MJ20	T16MJ20	110	XXXM	33EFM	64
C21MR03A	L21MR03A	13	IB9	LIB9	67	T16AB06	T16AB06	100	T16MJ50	T16MJ50	110	XXXRH	33RFH	64
C21MR08	L21MR08	31	IB9093	LIB9093	68	T16AD01	T16AD01	101	T16MK01	T16MK01	102	XXXRM	33RFM	64
C21MS01	L21MS01	31	IB9382	LIB9382	68	T16AD02	T16AD02	101	T16MK03	T16MK03	102		33PABL	62
C21MS02	L21MS02	31	IC1	IC1	113	T16AD03	T16AD03	101	T16MK08	T16MK08	102		33PAGL	62
C21MS03	L21MS03	31	IC3	IC3	113	T16AD04	T16AD04	101	T16MR01	T16MR01	103		33PARL	62
C21MS08	L21MS08	31	IC7	IC7	113	T16AE01	T16AE01	101	T16MR03	T16MR03	103		33PAWL	62
C21MT01	L21MT01	31	IC9	IC9	113	T16AE03	T16AE03	101	T16MR08	T16MR08	103		33PAYL	62
C21MT02	L21MT02	31	M11	LM11	63	T16AH10	T16AH10	108	T16MT01	T16MT01	103		L21TA03	32
C21MT03	L21MT03	31	M2A	LM2A	36	T16AH20	T16AH20	108	T16MT03	T16MT03	103		L21TB03	32
C21MT08	L21MT08	31	M2F	LM2F	36	T16AH30	T16AH30	108	T16MT08	T16MT08	103		L21TF03	32
C21MU01	L21MU01	31	M4A	LM4A	36	T16AH40	T16AH40	108	T16MU01	T16MU01	103		L21UA03	32
C21MU02	L21MU02	31	M4F	LM4F	36	T16AH50	T16AH50	108	T16MU03	T16MU03	103		L21UB03	32
C21MU03	L21MU03	31	MV2A	LMV2A	36	T16AK10	T16AK10	108	T16MU08	T16MU08	103		L21UC03	32
C21MU03B	L21MU03B	13	MV2F	LMV2F	36	T16AK20	T16AK20	108	T16NA00	T16NA00	104		L21UD03	32
C21MU08	L21MU08	31	MV4A	LMV4A	36	T16AK30	T16AK30	108	T16NC00	T16NC00	104		L21UK03	32
C21NA00	L21NA00	34	MV4F	LMV4F	36	T16AK40	T16AK40	108	T16ND00	T16ND00	104		L22DU01G	17
C21NB00	L21NB00	34	S20SA10	L20SA10	45	T16AK50	T16AK50	108	T16NK00	T16NK00	104		L61BA22	24
C21NC00	L21NC00	34	S20SA10H	L20SA10H	46	T16AM10	T16AM10	108	T20	LT20	74		L61BA22B	24
C21ND00	L21ND00	34	S20SA10L	L20SA10L	46	T16AM20	T16AM20	108	T40	LT40	74		L61QA21	24
C21NE00	L21NE00	34	S20SA10M	L20SA10M	46	T16AM40	T16AM40	108	T50	LT50	74		L61QA22	24
C21NJ00	L21NJ00	34	S20SA20	L20SA20	45	T16AM50	T16AM50	108	T52QA02	T52QA02	101		L61QA22K	24
C21NK00	L21NK00	34	S20SA20H	L20SA20H	46	T16AT01	T16AT01	101	T52QA03	T52QA03	101		L61QA33C	24
C21NL00	L21NL00	34	S20SA20L	L20SA20L	46	T16CB01	T16CB01	101	T60	LT60	74		L61QB21	23
C21RP03	L21RP03	36	S20SA20M	L20SA20M	46	T16CB02	T16CB02	101	UA0011	UA0011	115		L61QB21A	12
C22AF01	L22AF01	21	S20SA30	L20SA30	45	T16CB03	T16CB03	101	UA0012	UA0012	115		L61QB21B	23
C22AF01A	L22AF01A	12	S20SA40	L20SA40	45	T16CB04	T16CB04	101	UA0013	UA0013	115		L61QK21	39
C22AF02	L22AF02	21	S20SA40H	L20SA40H	46	T16CB05	T16CB05	101	UA0014	UA0014	115		L61QK21A	39
C22AF02A	L22AF02A	12	S20SA40L	L20SA40L	46	T16CB06	T16CB06	101	UA0016	UA0016	115		L61QK21H	18
C22AF03	L22AF03	21	S20SA40M	L20SA40M	46	T16CK10	T16CK10	109	UA0111	UA0111	115		L61QK21L	18
C22AF03A	L22AF03A	12	S20SA50	L20SA50	45	T16CK20	T16CK20	109	UA0112	UA0112	115		L61QK21M	18
C22AG04	L22AG04	21	S20SA50H	L20SA50H	46	T16CK30	T16CK30	109	UA0113	UA0113	115		L61QK53	39
C22AG05	L22AG05	21	S20SA50L	L20SA50L	46	T16CK40	T16CK40	109	UA0114	UA0114	115		LBX0400	88
C22AG06	L22AG06	21	S20SA50M	L20SA50M	46	T16CK50	T16CK50	109	UA0202	UA0202	115		LT31	74
C22AP10	L22AP10	37	S20SA60	L20SA60	45	T16DD01	T16DD01	106	UA0203	UA0203	114		LT32	74
C22AP20	L22AP20	37	S20SA60H	L20SA60H	46	T16DD02	T16DD02	106	UA0204	UA0204	114		LT34	74
C22AP40	L22AP40	37	S20SA60L	L20SA60L	46	T16DD03	T16DD03	106	UA0205	UA0205	114		LT35	74
C22AP50	L22AP50	37	S20SA60M	L20SA60M	46	T16DD04	T16DD04	106	UA0206	UA0206	114		LT36	74
C22AP60	L22AP60	37	S20SB10	L20SA31	45	T16ED01	T16ED01	106	UA0209	UA0209	114			
C22EC01	L22EC01	25	S20SB10H	L20SA31H	46	T16ED02	T16ED02	106	UA0215	UA0215	116			
C22EC03	L22EC03	25	S20SB10L	L20SA31L	46	T16ED03	T16ED03	106	UA0219	UA0219	114			
C22ED01	L22ED01	25	S20SB10M	L20SA31M	46	T16ED04	T16ED04	106	UA0228	UA0228	114			

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