

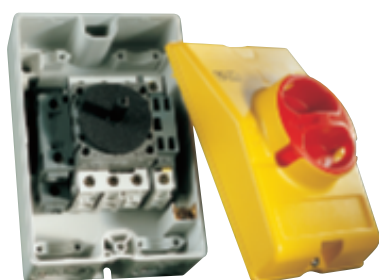
Switch disconnectors

A modular and flexible range



Contact gap
7 mm
(norm >5.5 mm)

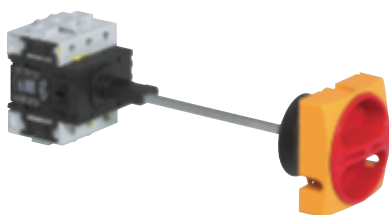
**Reversible
terminal feature**



► IN ENCLOSURE

- Degree of protection: up to IP 66
- For 25A to 100A size switches (see lthe (A) p. 316)
- 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 299 and 305



► WITH CLUTCH DRIVE

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

Pages 298 and 303

Complete switch disconnectors 20 A

IP 40 as standard, IP 65 on request



Characteristics (p. 316)

▶ FRONT MOUNTING

PADLOCKABLE PRESENTATION

Cat. No.



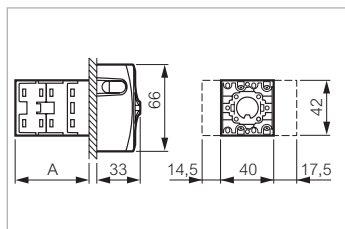
172921

20 A - non-reversible terminals

3P
3P+NC/NO(1)
4P

172901
172911
172921

(1) Padlock with \varnothing 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

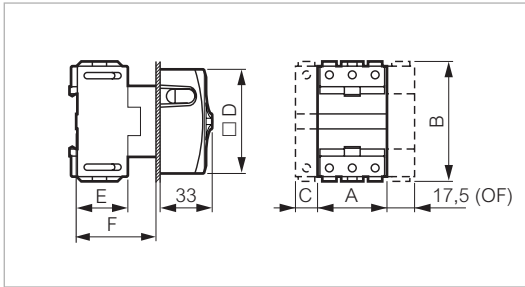


Characteristics (p. 316)

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
 3P+NC/NO (1)
 4P neutral on left

172001
172011
172021

32 A

3P
 4P neutral on left

172101
172121



172201

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

50 A

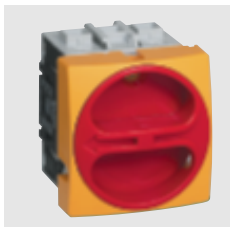
3P
 4P neutral on left

172201
172221

63 A

3P
 4P neutral on left

172301
172321



172401

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

80 A

3P
 4P neutral on left

172401
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

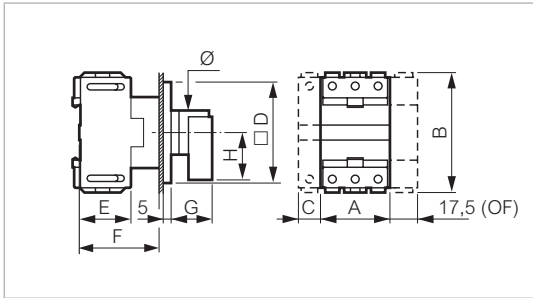


Characteristics (p. 316)

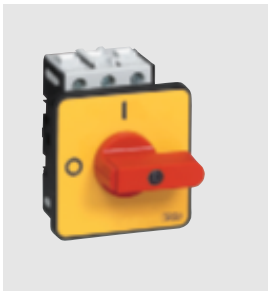
FRONT MOUNTING

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

Complete switch disconnectors 25 to 100 A

IP 65

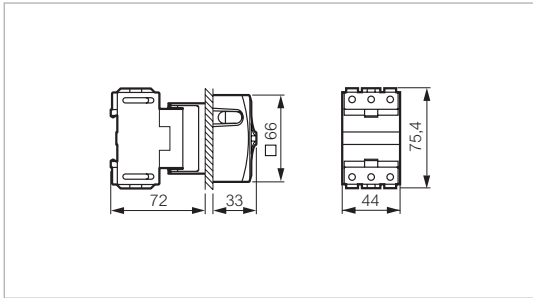


Characteristics (p. 316)

▶ FRONT MOUNTING

PADLOCKABLE PRESENTATION Ø 22 SINGLE-HOLE MOUNTING

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



172003

25 A

3P

172003

32 A

3P

172103

Complete switch disconnectors 25 to 100 A

IP 40 as standard, IP 65 on request

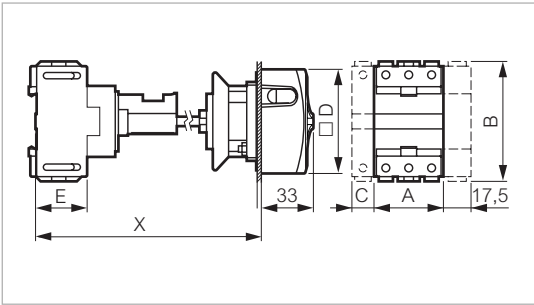


Characteristics (p. 316)

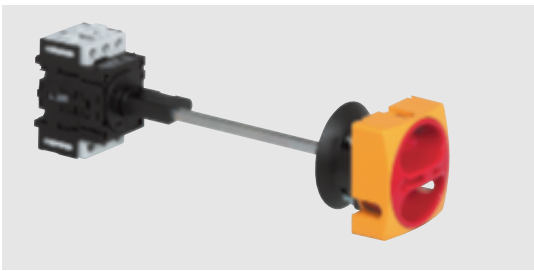
► REAR MOUNTING WITH CLUTCH DRIVE

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 (short shaft) **165009**

32A
 3P (short shaft) **165109**

25 and 32 A dimensions

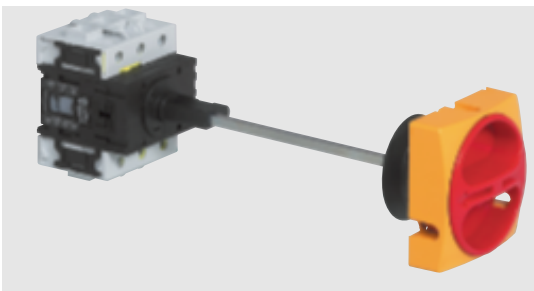
A:	44
B:	75.4
C:	14.5
D:	□ 66
E:	31.5
X:	125 to 250 (short shaft) 250 to 400 (long shaft)

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 (short shaft) **165209**

63 A
 3P (short shaft) **165309**



165409

80 A
 3P (long shaft) **165409**

100 A
 3P (long shaft) **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)

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

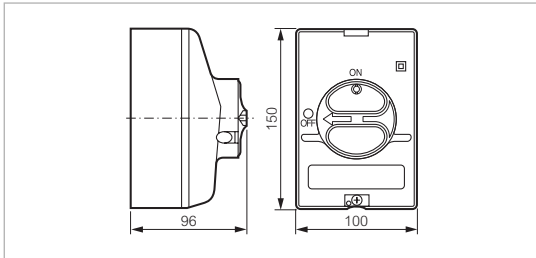


Characteristics (p. 316)

► ENCLOSURES

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
Red handle on yellow plate
Actual position (ON or OFF) clearly visible
Conform to standards:
IEC EN 60947-3



172061

IP 66 - IK 07

20 A

3P

3P+NC/NO ⁽¹⁾

4P

172961

172971

172981

25 A

3P

3P+NC/NO ⁽¹⁾

172061

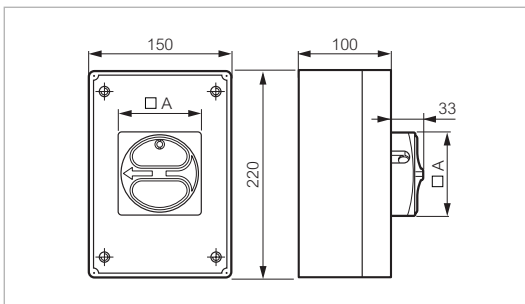
172071

32 A

3P

172161

PADLOCKABLE PRESENTATION



IP 40 ⁽²⁾

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)



50 and 63 A dimensions

A: 66

80 and 100 A dimensions

A: 86

172261

Complete switch disconnectors 20 A

IP 40 as standard, IP 65 on request
Grey presentation



Characteristics (p. 316)

▶ FRONT MOUNTING

PADLOCKABLE PRESENTATION

Cat. No.

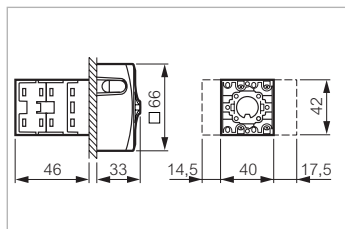


174901

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

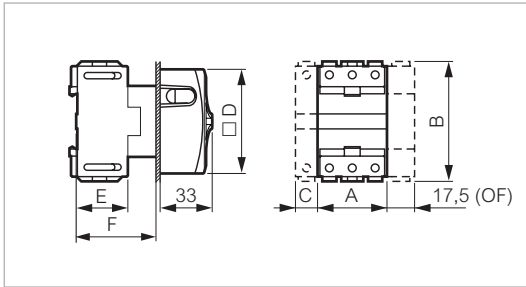


Characteristics (p. 316)

FRONT MOUNTING

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



Dimensions

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

25 A

3P

174001

174001



Dimensions

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

32 A

3P

174201

174301



Dimensions

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

50 A

3P

174301

174401

63 A

3P

174401

80 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

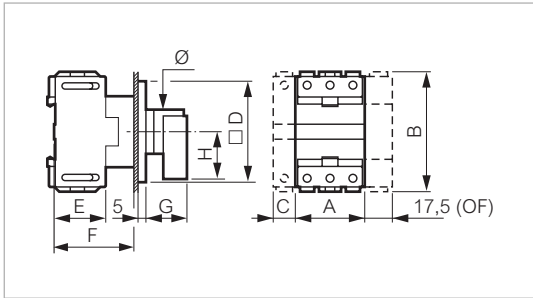


Characteristics (p. 316)

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
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



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

25 A

3P

174002

32 A

3P

174102

174002



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

174202

63 A

3P

174302

174202



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

174402

100 A

3P

174502

174402

Complete switch disconnectors 25 to 100 A

IP 40 as standard, IP 65 on request
Grey presentation

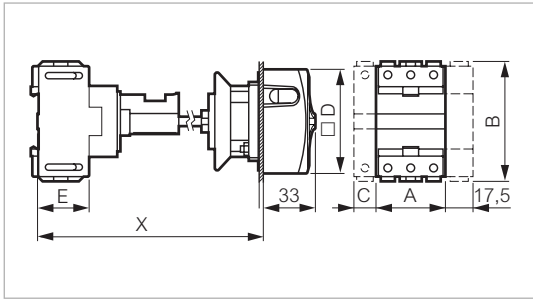


Characteristics (p. 316)

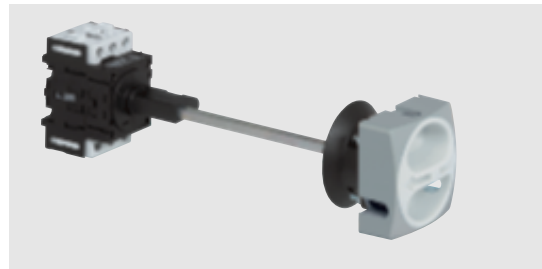
► REAR MOUNTING

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

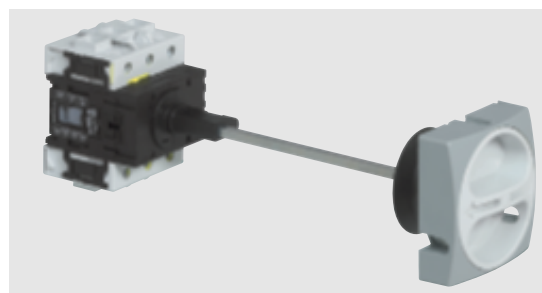


165009

- 25 A**
3P (short shaft) **168009**
- 32A**
3P (short shaft) **168109**

25 and 32 A dimensions	50 and 63 A dimensions
A: 44	A: 53.6
B: 75.4	B: 85
C: 14.5	C: 17.9
D: □ 66	D: □ 66
E: 31.5	E: 42.2
X: 125 to 250 (short shaft) 250 to 400 (long shaft)	X: 135 to 260 (short shaft) 260 to 410 (long shaft)

- 50 A**
3P (short shaft) **168209**
- 63 A**
3P (short shaft) **168309**



165409

- 80 A**
3P (long shaft) **168409**
- 100 A**
3P (long shaft) **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)

Complete switch disconnectors 25 to 100 A

IP 40 as standard, IP 65 on request
Grey presentation

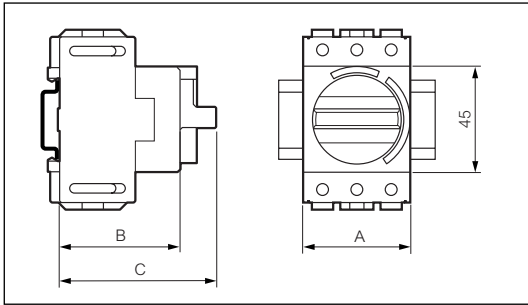


Characteristics (p. 316)

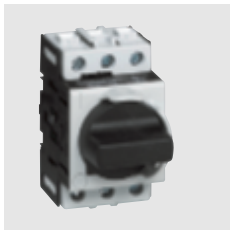
REAR MOUNTING

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



Dimensions A: 44 B: 53 C: 79
--

25 A
3P **174005**

32 A
3P **174105**

174005



Dimensions A: 53.6 B: 63 C: 89
--

50 A
3P **174205**

63 A
3P **174305**

174205



Dimensions A: 71.8 B: 73 C: 99
--

80 A
3P **174405**

100 A
3P **174505**

174405

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

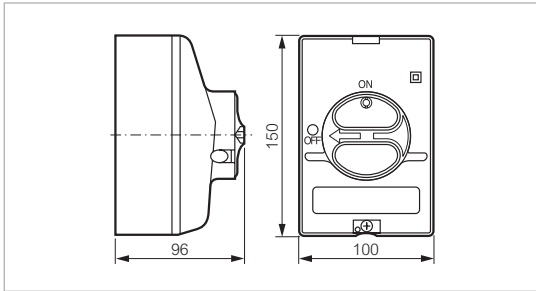


Characteristics (p. 316)

► ENCLOSURES

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 07

25 A
3P

174061

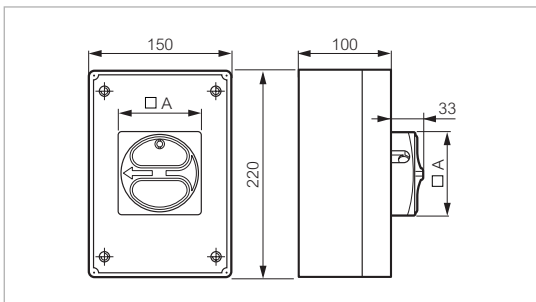
32 A
3P

174161



174061

PADLOCKABLE PRESENTATION



IP 40 (1)

50 A
3P

174261

63 A
3P

174361

80 A
3P

174461

100 A
3P

174561

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




174261

50 and 63 A dimensions
A: □ 66

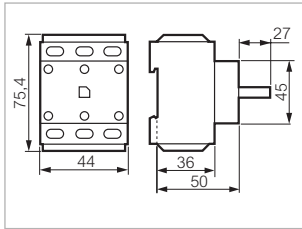
80 and 100 A dimensions
A: □ 86

Separate switch disconnectors - 25 and 32 A

 Characteristics (p. 316)

► BLOCKS

Cat. No.

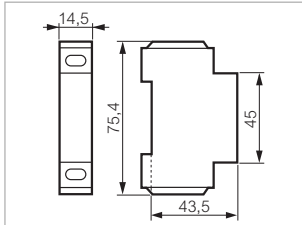


3-pole switch body without presentation

25 A
32 A

172000
172100

172000



Additional pole
(for use in enclosure only)

25 A
32 A

172075
172175

172065

172185

Additional pole without rear screw
(Rear mounting only)

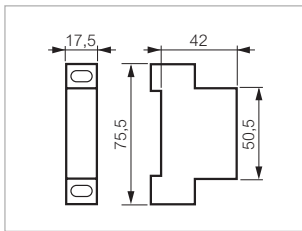
32 A

172174

Neutral pole

25 A
32 A

172065
172165



Junction block

 or N

172185

Auxiliary contact

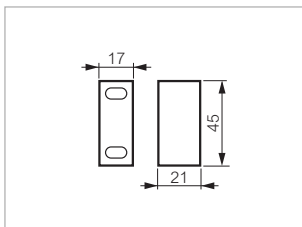
NC/NO

172179

1 pole early break

172195

172179



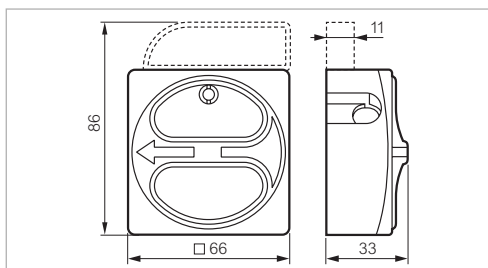
172195

Separate switch disconnectors - 25 and 32 A

 Characteristics (p. 316)

► PRESENTATION

Cat. No.



Padlockable presentation

Padlock with $\varnothing 6$ to 8 mm

- 66 - Yellow/Red
- 66 - Grey
- 66 - $\varnothing 22$ single-hole-mounting - Yellow/Red

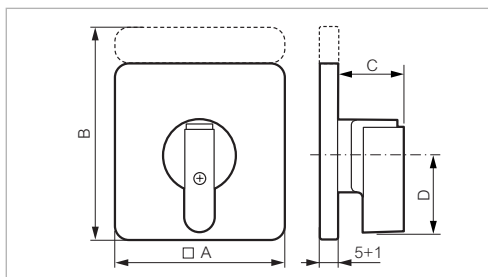
172601

174601

172603



172601



With plate, frame and handle

- 64 - Yellow/Red
- 48 - $\varnothing 22$ single-hole-mounting - Yellow/Red

172602

172604



172602

Dim. Ref. 172 602

A: $\square 64$

B: 80

Dim. ref. 172 604

A: $\square 48$

B: 65

Separate switch disconnectors - 25 and 32 A

 Characteristics (p. 316)

▶ EMPTY ENCLOSURES

PADLOCKABLE PRESENTATION

Cat. No.



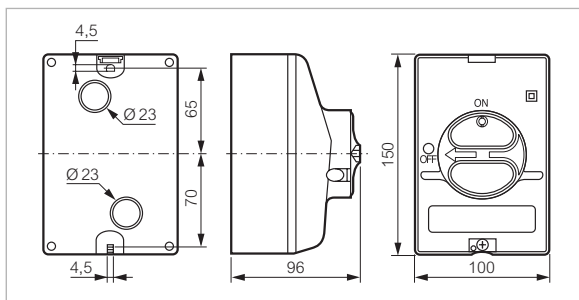
172399

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-IK07

Grey base - yellow cover - red handle
 Grey base - grey cover - grey handle

172399
174399

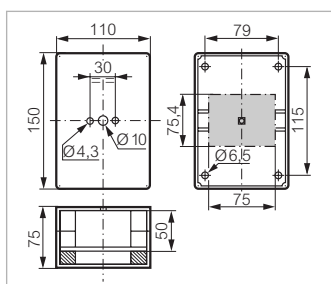


WITHOUT PRESENTATION

Cat. No.



172549



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

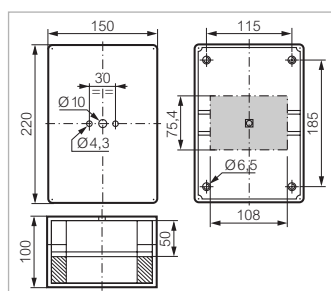
172549

PADLOCKABLE OR WITHOUT PRESENTATION

Cat. No.



172559



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



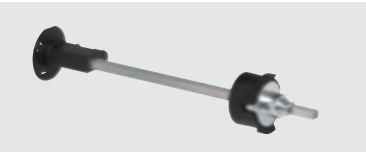

172559

Separate switch disconnectors - 25 and 32 A



Characteristics (p. 316)


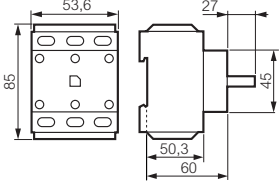

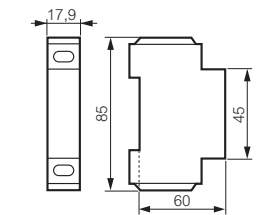


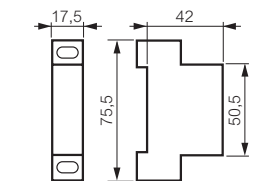

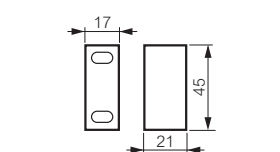
▶ ACCESSORIES

	Cat. No.
 <p>172167</p>	<p>Terminal covers</p> <p>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</p>
 <p>174569</p>	<p>Connection terminal kit</p> <p>Terminal connection for ground or neutral 174449</p>
 <p>174189</p>	<p>Self-adhesive plates (for enclosures)</p> <p>Blank 174599 Engraved INTER PRINCIPAL 174559 Engraved MAIN SWITCH 174569</p>
 <p>172177</p>	<p>Duty labels</p> <p>Blank 172629 Engraved INTER PRINCIPAL 172639 Engraved MAIN SWITCH 172649</p>
	<p>Kit for clutch drive presentation</p> <p>Short shaft without door interlock 174189 Long shaft without door interlock 174199 Without shaft and without door interlock 174179</p>
	<p>Kit for door interlock 174249</p>
	<p>IP 65 seal kit</p> <p>For front mounting switches and enclosures</p> <p>Padlockable <input type="checkbox"/> 66 or plate and frame <input type="checkbox"/> 64 or <input type="checkbox"/> 72 172267 Padlockable <input type="checkbox"/> 86 or plate and frame <input type="checkbox"/> 96 172277</p> <p>For rear mounting switches with clutch drive</p> <p>Padlockable <input type="checkbox"/> 66 or plate and frame <input type="checkbox"/> 64 or <input type="checkbox"/> 72 174259 Padlockable <input type="checkbox"/> 86 or plate and frame <input type="checkbox"/> 96 174269</p>

Separate switch disconnectors - 50 and 63 A

► BLOCKS

Cat. No.

		<p>3-pole body switch without presentation 50 A 63 A</p>	<p>172200 172300</p>
		<p>Additional pole (for use in enclosure only) 50 A 63 A</p> <p>Neutral pole 50 A 63 A</p>	<p>172275 172375</p> <p>172265 172365</p>
<p>172375 172385</p>		<p>Junction block  or N</p>	<p>172385</p>
		<p>Auxiliary contact NC/NO 1 pole early break</p>	<p>172179 172395</p>
<p>172179</p>			
			
<p>172395</p>			

Separate switch disconnectors - 50 and 63 A

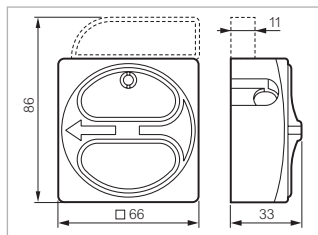
 Characteristics (p. 316)

PRESENTATION

Cat. No.



172061



Padlockable presentation

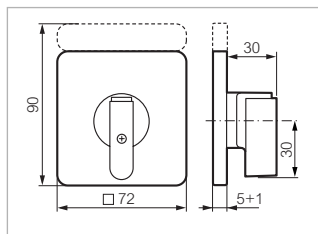
Padlock: \varnothing 6 to 8 mm

- 66 - Yellow/Red
- 66 - Grey

172601
174601



172612



With plate, frame and handle

- 72 - Yellow/Red

172612

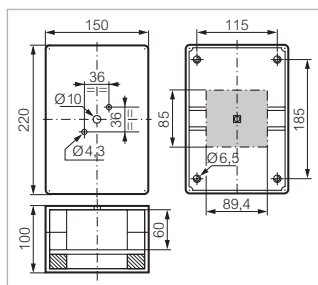
EMPTY ENCLOSURES

WITHOUT PRESENTATION

Cat. No.



172569

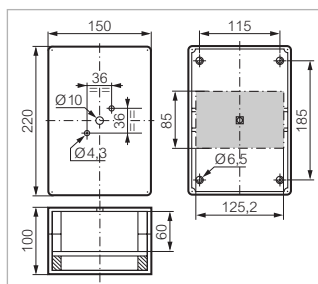


Grey - Up to 4 poles + auxiliary contact
220 x 150 x 100 mm

172569



172579






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

172579

Separate switch disconnectors - 50 and 63 A

 Characteristics (p. 316)

▶ ACCESSORIES

		Cat. No.
 172367	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
 172649	Duty labels	
	Blank	172629
	Engraved INTER PRINCIPAL	172639
	Engraved MAIN SWITCH	172649
 172267	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 <input type="checkbox"/> 66	
	or plate and frame <input type="checkbox"/> 64 or <input type="checkbox"/> 72	172267
	Padlockable <input type="checkbox"/> 86	
	or plate and frame <input type="checkbox"/> 96	172277
	For rear mounting with clutch drive	
	Padlockable <input type="checkbox"/> 66	
	or plate and frame <input type="checkbox"/> 64 or <input type="checkbox"/> 72	174259
	Padlockable <input type="checkbox"/> 86	
	or plate and frame <input type="checkbox"/> 96	174269

Separate switch disconnectors - 80 and 100 A


 Characteristics (p. 316)

► BLOCKS

Cat. No.

		<p>3-pole body switch without presentation 80 A 100 A</p>	<p>172400 172500</p>
		<p>Additional pole (for use in enclosure only) 80 A 100 A</p>	<p>172475 172575</p>
		<p>Neutral pole 80 A 100 A</p>	<p>172465 172565</p>
		<p>Junction block ⏏ or N</p>	<p>172585</p>
		<p>Auxiliary contact NC/NO 1 pole early break</p>	<p>172179 172595</p>
			

Separate switch disconnectors - 80 and 100 A

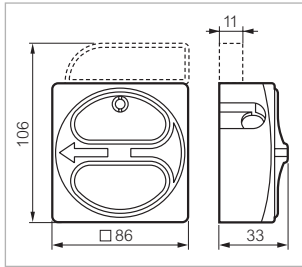
 Characteristics (p. 316)

► PRESENTATION

Cat. No.



172621



Padlockable presentation

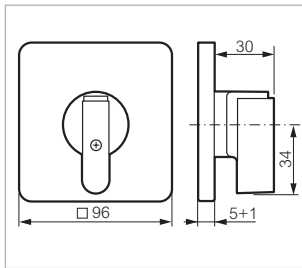
Padlock: \varnothing 6 to 8 mm

- 86 - Yellow/Red
- 86 - Grey

172621
174621



172622



With plate, frame and handle

- 96 - Yellow/Red

172622

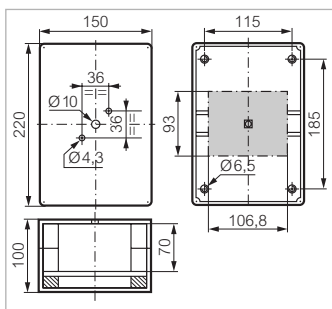
► EMPTY ENCLOSURES

WITHOUT PRESENTATION

Cat. No.



172589

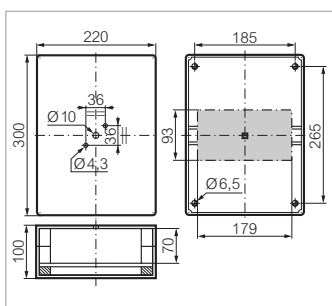


Grey - Up to 3 poles + auxiliary contact
220 x 150 x 100 mm

172589



172599



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




172599

Separate switch disconnectors - 80 and 100 A



Characteristics (p. 316)

▶ ACCESSORIES

	Cat. No.
 <p>172567</p>	<p>Terminal covers</p> <p>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</p>
 <p>172649</p>	<p>Duty labels</p> <p>Blank 172629 Engraved INTER PRINCIPAL 172639 Engraved MAIN SWITCH 172649</p>
 <p>172267</p>	<p>Kit for clutch drive presentation</p> <p>Short shaft without door interlock 174189 Long shaft without door interlock 174199 Without shaft and without door interlock 174179</p> <p>kit for door interlock 174249</p> <p>IP 65 seal kit</p> <p>For front mounting switches and enclosures</p> <p>Padlockable <input type="checkbox"/> 66 or plate and frame <input type="checkbox"/> 64 or <input type="checkbox"/> 72 172267 Padlockable <input type="checkbox"/> 86 or plate and frame <input type="checkbox"/> 96 172277</p> <p>For rear mounting with clutch drive</p> <p>Padlockable <input type="checkbox"/> 66 or plate and frame <input type="checkbox"/> 64 or <input type="checkbox"/> 72 174259 Padlockable <input type="checkbox"/> 86 or plate and frame <input type="checkbox"/> 96 174269</p>

Technical characteristics

► GENERAL

Characteristics	20 A	25 A	32 A	50 A	63 A	80 A	100 A
► Rated insulation voltage U_i (V)	690	690	690	690	690	690	690
► Conventional free air thermal current I_{th}							
Uninterrupted rated current I_u (A)	20	25	32	50	63	80	100
► Conventional enclosed thermal current I_{the} (A)	16	20	25	40	50	63	80
► Rated impulse withstand voltage (overvoltage category III - pollution degree 3) U_{imp} (kV)	4	6	6	6	6	6	6
► Rated operating current I_e (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 ($A_{eff}/400$ 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 I_{cw} ($A_{eff}/400$ V/1 s)	250	350	430	500	760	1100	1500
Rated short circuit make capacity I_{cm} (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 60947-3, 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 U_i (V)	400	400	400	400	400	400	400
▶ Conventional free air thermal current I_{th}							
Continuous rated current I_u (A)	20	10	10	10	10	10	10
▶ Rated operating current I_e (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 (mm ²)	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	25 and 32 A	50 and 63 A	50 and 63 A	80 and 100 A	80 et 100 A
+NC/NO	3P to 4P +NC/NO 20 A - 6P	6P and 6P +NC/NO	3P to 4P +NC/NO	6P and 6P +NC/NO	3P and 3P +NC/NO	4P to 6P
▶ 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 \varnothing 4 to 8 mm Switch with 1 auxiliary contact NC/NO: up to 3 padlocks \varnothing 6 to 8 mm Modular presentation: 1 padlock \varnothing 6 to 8 mm					

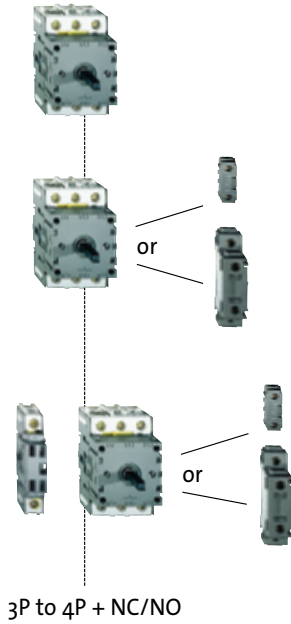
Enclosure selection guide

► 25 AND 32 A

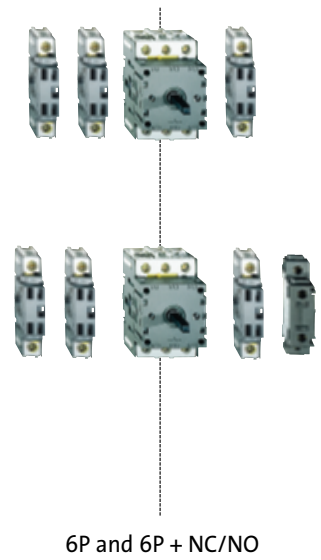


Example: switch disconnecter 32 A
Enclosed 4 poles,
padlockable presentation

Enclosure 150 x 100 x 96 mm



Enclosure 220 x 150 x 100 mm

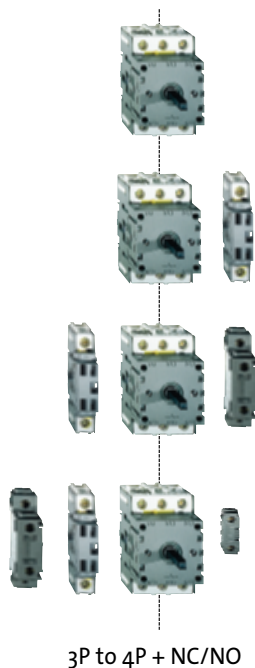


► 50 AND 63 A

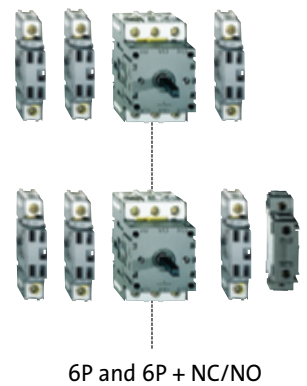


Example: switch disconnecter 50 A
Enclosed 6 poles,
Plate, frame and handle presentation

Enclosure 220 x 150 x 100mm



Enclosure 220 x 150 x 100 mm



Enclosure selection guide

▶ 80 AND 100 A



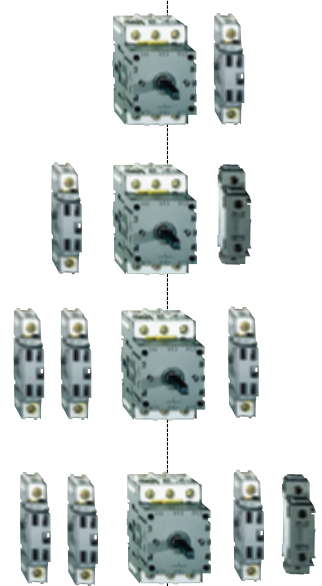
Example: switch disconnecter 100 A
Enclosed 4 poles,
padlockable presentation

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

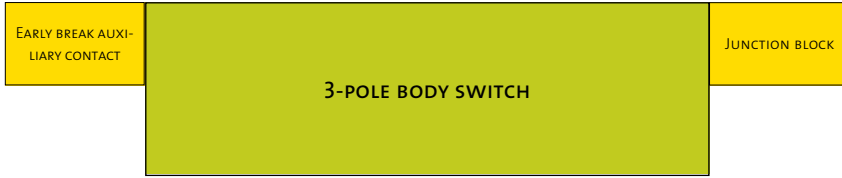


Auxiliary contact NC/NO

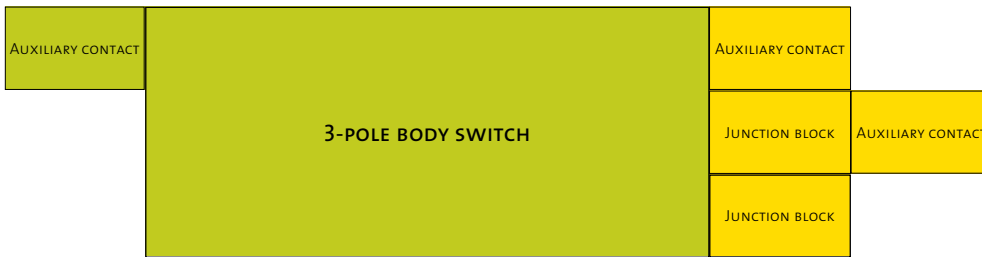


early break auxiliary contact

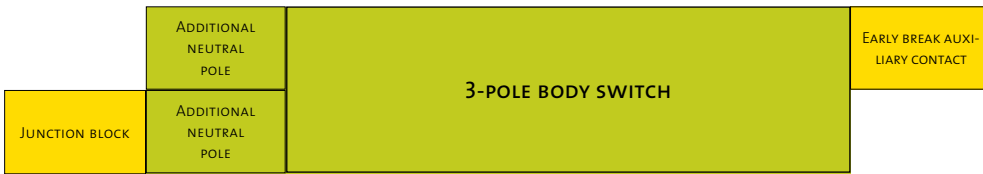
Possible configurations



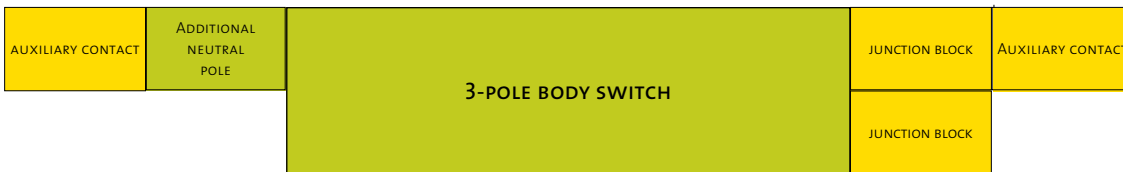
OR



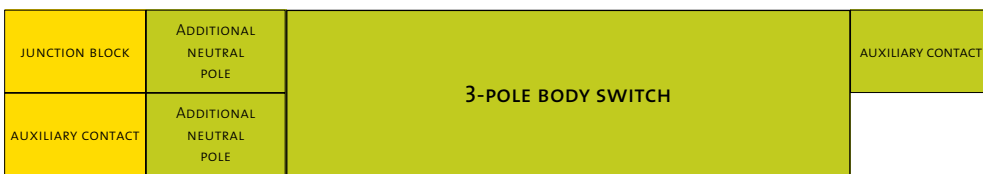
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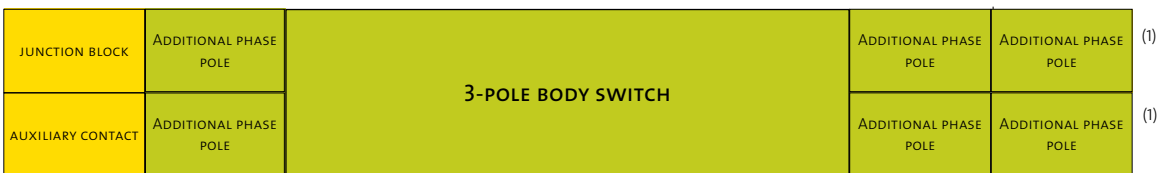
OR



OR



OR



(1) version with enclosure only

- Complete switch disconnecter p. 284 to 295
- Permitted auxiliaries