

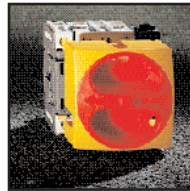
Disconnect Switches
standard versions - yellow and red

25A to 32A

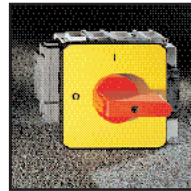
IP40 in standard version IP65 on request***

UL / CSA / CE

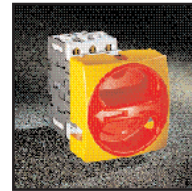
door/panel mounted switches
including handle



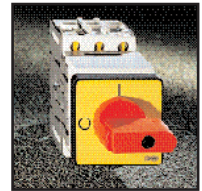
Front mount
padlockable handle
0172031



Front mount
non-padlockable handle
0172012



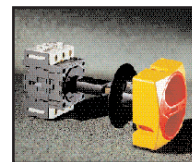
Front mount Ø 22 mm
single hole padlockable
handle 0172003



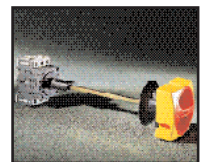
Front mount Ø 22 mm
single hole non-padlock-
able handle 0172104

		Part #	Part #	Part #	Part #
25A	3 Pole	0172001	0172002	0172003	0172004
	3 Pole + NC/NO	0172011	0172012	0172013	0172014
	4 Pole Neutral L*	0172021	0172022	0172023	0172024
	4 Pole Neutral L + NC/NO*	0172031	0172032	0172033	0172034
32A	3 Pole	0172101	0172102	0172103	0172104
	3 Pole + NC/NO	0172111	0172112	0172113	0172114
	4 Pole Neutral L*	0172121	0172122	0172123	0172124
	4 Pole Neutral L + NC/NO*	0172131	0172132	0172133	0172134

base & din-rail mounted switches
modular and door interlock versions
including handle and shaft



Metal short shaft
Extension 0165009SS**
Min. 4.92" Max. 9.84"



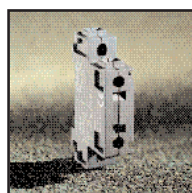
Metal long shaft
Extension 0165009LS**
Min. 4.92" Max. 15.75"

		Part #	Part #
25A	3 Pole	0165009SS	0165009LS
	3 Pole + NC/NO	0165019SS	0165019LS
	4 Pole neutral L*	0165029SS	0165029LS
	4 Pole neutral L + NC/NO*	0165039SS	0165039LS
32A	3 Pole	0165109SS	0165109LS
	3 Pole + NC/NO	0165119SS	0165119LS
	4 Pole neutral L*	0165129SS	0165129LS
	4 Pole neutral L + NC/NO*	0165139SS	0165139LS

*4th Pole is Late Break Neutral

**Standard version for Din Rail Mounting.

***Switches are available with IP65 protection by adding the suffix -1 to the part number, example 0174001-1. Not available with 22mm mounting.



Auxiliary contact NC/NO
0172179



3 pole body without handle
0172000

Components and Accessories for 25A and 32A Switches

	Part #
IP65 Seal Kit for door / panel mount switches Kit not for use with 22mm single hole mount switches. These versions must be ordered as IP65 version from factory.	25A/32A 0172267
IP65 Seal Kit for door interlock switches	25A/32A 0174259
3 pole body without handle	25A 0172000
Additional Pole	25A 0172075
Late Break Neutral pole	25A 0172065
Terminal (junction) block	25A/32A 0172185
3 pole body without handle	32A 0172100
Additional Pole	32A 0172175
Late Break Neutral pole	32A 0172165
Auxiliary contact NC/NO	10A 0172179
1 pole early break auxiliary contact	5A 0172195
2 pole early break auxiliary contact	5A 0174195
1 pole early make auxiliary contact	5A 0172197

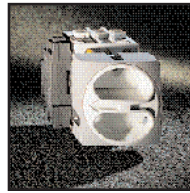
Disconnect Switches
standard versions - gray

25A to 32A

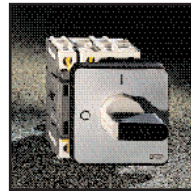
IP40 in standard version IP65 on request***

UL / CSA / CE

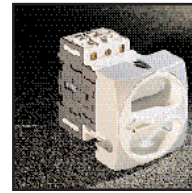
door/panel mounted switches
including handle



Front mount
padlockable handle
0174011



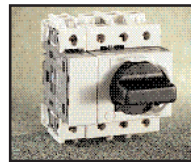
Front mount
non-padlockable handle
0174022



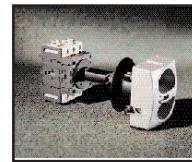
Front mount Ø 22 mm
single hole padlockable
handle 0174003

		Part #	Part #	Part #
25A	3 Pole	0174001	0174002	0174003
	3 Pole + NC/NO	0174011	0174012	0174013
	4 Pole Neutral L*	0174021	0174022	0174023
	4 Pole Neutral L + NC/NO*	0174031	0174032	0174033
32A	3 Pole	0174101	0174102	0174103
	3 Pole + NC/NO	0174111	0174112	0174113
	4 Pole Neutral L*	0174121	0174122	0174123
	4 Pole Neutral L + NC/NO*	0174131	0174132	0174133

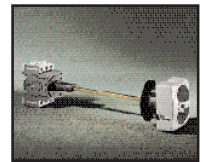
base & din-rail mounted switches
modular and door interlock versions
including handle and shaft



Modular (in-panel)
presentation
0174125



Metal short shaft
Extension 0168009SS**
Min. Max.
4.92" 9.84"



Metal long shaft
Extension 0168009LS**
Min. Max.
4.92" 15.75"

		Part #	Part #	Part #
25A	3 Pole	0174005	0168009SS	0168009LS
	3 Pole + NC/NO	0174015	0168019SS	0168019LS
	4 Pole neutral L*	0174025	0168029SS	0168029LS
	4 Pole neutral L + NC/NO*	0174035	0168039SS	0168039LS
32A	3 Pole	0174105	0168109SS	0168109LS
	3 Pole + NC/NO	0174115	0168119SS	0168119LS
	4 Pole neutral L*	0174125	0168129SS	0168129LS
	4 Pole neutral L + NC/NO*	0174135	0168139SS	0168139LS

*4th Pole is Late Break Neutral

**Standard version for Din Rail Mounting.

***Switches are available with IP65 protection by adding the suffix -1 to the part number, example 0174001-1. Not available with 22mm mounting.

Components and Accessories for 25A and 32A Switches

Part #



Additional Pole
0172175



1 pole early make auxiliary
contact 0172197

IP65 Seal Kit for door / panel mount switches Kit not for use with 22mm single hole mount switches. These versions must be ordered as IP65 version from factory.	25A/32A	0172267
IP65 Seal Kit for door interlock switches	25A/32A	0174259
3 pole body without handle	25A	0172000
Additional Pole	25A	0172075
Late Break Neutral pole	25A	0172065
Terminal (junction) block	25A/32A	0172185
3 pole body without handle	32A	0172100
Additional Pole	32A	0172175
Late Break Neutral pole	32A	0172165
Auxiliary contact NC/NO	10A	0172179
1 pole early break auxiliary contact	5A	0172195
2 pole early break auxiliary contact	5A	0174195
1 pole early make auxiliary contact	5A	0172197

Disconnect Switches

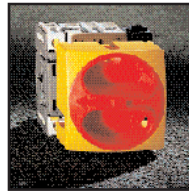
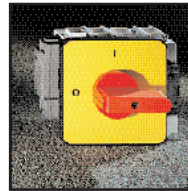
standard versions - yellow and red

50A to 63A

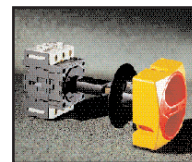
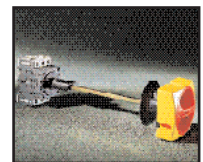
Controls, Inc.

IP40 in standard version IP65 on request***

UL / CSA / CE

door/panel mounted switches
including handleFront mount
padlockable handle
0172331Front mount
non-padlockable handle
0172312

		Part #	Part #
50A	3 Pole	0172201	0172202
	3 Pole + NC/NO	0172211	0172212
	4 Pole Neutral L*	0172221	0172222
	4 Pole Neutral L + NC/NO*	0172231	0172232
63A	3 Pole	0172301	0172302
	3 Pole + NC/NO	0172311	0172312
	4 Pole Neutral L*	0172321	0172322
	4 Pole Neutral L + NC/NO*	0172331	0172332

base & din-rail mounted switches
modular and door interlock versions
including handle and shaftMetal short shaft
Extension 0165209SS**
Min. Max.
5.31" 10.24"Metal long shaft
Extension 0165209LS**
Min. Max.
5.31" 16.14"

		Part #	Part #
50A	3 Pole	0165209SS	0165209LS
	3 Pole + NC/NO	0165219SS	0165219LS
	4 Pole neutral L*	0165229SS	0165229LS
	4 Pole neutral L + NC/NO*	0165239SS	0165239LS
63A	3 Pole	0165309SS	0165309LS
	3 Pole + NC/NO	0165319SS	0165319LS
	4 Pole neutral L*	0165329SS	0165329LS
	4 Pole neutral L + NC/NO*	0165339SS	0165339LS

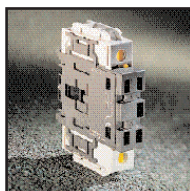
*4th Pole is Late Break Neutral

**Standard version for Din Rail Mounting.

***Switches are available with IP65 protection by adding the suffix -1 to the part number, example 0174001-1.

Components and Accessories for 50A and 63A Switches

Part #

Neutral Pole
0172365IP65 Seal Kit for door / panel mount switches
IP65 Seal Kit for door interlock switches50A/63A
50A/63A0172267
01742593 pole body without handle
Additional Pole
Late Break Neutral pole50A
50A
50A0172200
0172275
0172265

Terminal (junction) block

50A/63A

0172385

3 pole body without handle
Additional Pole
Late Break Neutral pole63A
63A
63A0172300
0172375
0172365Auxiliary contact NC/NO
1 pole early break auxiliary contact
2 pole early break auxiliary contact
1 pole early make auxiliary contact10A
5A
5A
5A0172179
0172395
0174395
01723971 pole early make auxiliary
contact 0172397

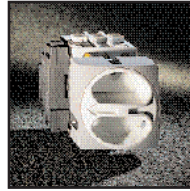
Disconnect Switches standard versions - gray

50A to 63A

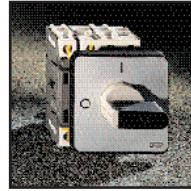
IP40 in standard version IP65 on request***

UL / CSA / CE

door/panel mounted switches
including handle



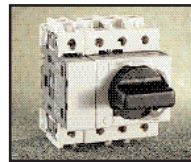
Front mount
padlockable handle
0174211



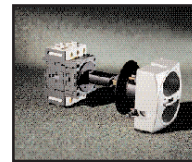
Front mount
non-padlockable handle
0174222

		Part #	Part #
50A	3 Pole	0174201	0174202
	3 Pole + NC/NO	0174211	0174212
	4 Pole Neutral L*	0174221	0174222
	4 Pole Neutral L + NC/NO*	0174231	0174232
63A	3 Pole	0174301	0174302
	3 Pole + NC/NO	0174311	0174312
	4 Pole Neutral L*	0174321	0174322
	4 Pole Neutral L + NC/NO*	0174331	0174332

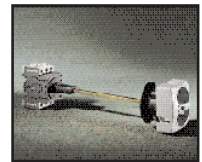
base & din-rail mounted switches
modular and door interlock versions
including handle and shaft



Modular (in-panel)
presentation
0174225



Metal short shaft
Extension 0168209SS**
Min. 5.31" Max. 10.24"



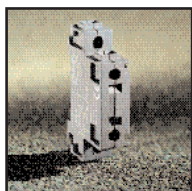
Metal long shaft
Extension 0168209LS**
Min. 5.31" Max. 16.14"

		Part #	Part #	Part #
50A	3 Pole	0174205	0168209SS	0168209LS
	3 Pole + NC/NO	0174215	0168219SS	0168219LS
	4 Pole neutral L*	0174225	0168229SS	0168229LS
	4 Pole neutral L + NC/NO*	0174235	0168239SS	0168239LS
63A	3 Pole	0174305	0168309SS	0168309LS
	3 Pole + NC/NO	0174315	0168319SS	0168319LS
	4 Pole neutral L*	0174325	0168329SS	0168329LS
	4 Pole neutral L + NC/NO*	0174335	0168339SS	0168339LS

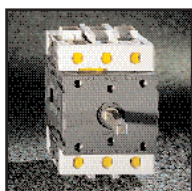
*4th Pole is Late Break Neutral

**Standard version for Din Rail Mounting.

***Switches are available with IP65 protection by adding the suffix -1 to the part number, example 0174001-1.



Auxiliary contact NC/NO
0172179



3 pole body without handle
0172300

Components and Accessories for 50A and 63A Switches

		Part #
IP65 Seal Kit for door / panel mount switches	50A/63A	0172267
IP65 Seal Kit for door interlock switches	50A/63A	0174259
3 pole body without handle	50A	0172200
Additional Pole	50A	0172275
Late Break Neutral pole	50A	0172265
Terminal (junction) block	50A/63A	0172385
3 pole body without handle	63A	0172300
Additional Pole	63A	0172375
Late Break Neutral pole	63A	0172365
Auxiliary contact NC/NO	10A	0172179
1 pole early break auxiliary contact	5A	0172395
2 pole early break auxiliary contact	5A	0174395
1 pole early make auxiliary contact	5A	0172397

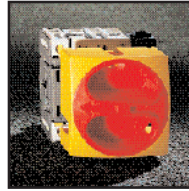
Disconnect Switches
standard versions - yellow and red

80A to 100A

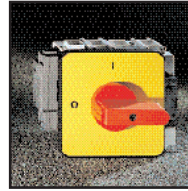
IP40 in standard version IP65 on request***

UL / CSA / CE

door/panel mounted switches
including handle



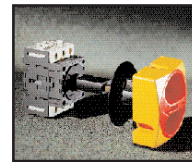
Front mount
padlockable handle
0172431



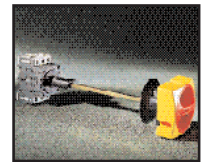
Front mount
non-padlockable handle
0172512

		Part #	Part #
80A	3 Pole	0172401	0172402
	3 Pole + NC/NO	0172411	0172412
	4 Pole Neutral L*	0172421	0172422
	4 Pole Neutral L + NC/NO*	0172431	0172432
100A	3 Pole	0172501	0172502
	3 Pole + NC/NO	0172511	0172512
	4 Pole Neutral L*	0172521	0172522
	4 Pole Neutral L + NC/NO*	0172531	0172532

base & din-rail mounted switches
modular and door interlock versions
including handle and shaft



Metal short shaft
Extension 0165409SS**
Min. 5.71" Max. 10.63"



Metal long shaft
Extension 0165409LS**
Min. 5.71" Max. 16.54"

		Part #	Part #
80A	3 Pole	0165409SS	0165409LS
	3 Pole + NC/NO	0165419SS	0165419LS
	4 Pole neutral L*	0165429SS	0165429LS
	4 Pole neutral L + NC/NO*	0165439SS	0165439LS
100A	3 Pole	0165509SS	0165509LS
	3 Pole + NC/NO	0165519SS	0165519LS
	4 Pole neutral L*	0165529SS	0165529LS
	4 Pole neutral L + NC/NO*	0165539SS	0165539LS

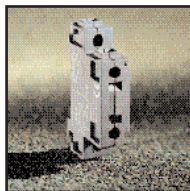
*4th Pole is Late Break Neutral

**Standard version for Din Rail Mounting.

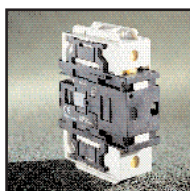
***Switches are available with IP65 protection by adding the suffix -1 to the part number, example 0174001-1.

Components and Accessories for 80A and 100A Switches

Part #



Auxiliary contact NC/NO
0172179



Additional pole
0172475

IP65 Seal Kit for door / panel mount switches	80A/100A	0172277
IP65 Seal Kit for door interlock switches	80A/100A	0174269
3 pole body without handle	80A	0172400
Additional Pole	80A	0172475
Late Break Neutral pole	80A	0172465
Terminal (junction) block	80A/100A	0172585
3 pole body without handle	100A	0172500
Additional Pole	100A	0172575
Late Break Neutral pole	100A	0172565
Auxiliary contact NC/NO	10A	0172179
1 pole early break auxiliary contact	5A	0172595
2 pole early break auxiliary contact	5A	0174595
1 pole early make auxiliary contact	5A	0172597

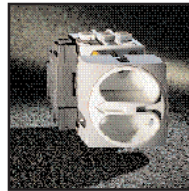
Disconnect Switches
standard versions - gray

80A to 100A

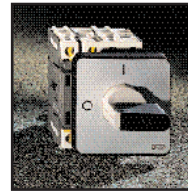
IP40 in standard version IP65 on request***

UL / CSA / CE

door/panel mounted switches
including handle



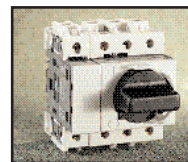
Front mount
padlockable handle
0174411



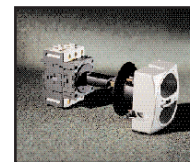
Front mount
non-padlockable handle
0174422

		Part #	Part #
80A	3 Pole	0174401	0174402
	3 Pole + NC/NO	0174411	0174412
	4 Pole Neutral L*	0174421	0174422
	4 Pole Neutral L + NC/NO*	0174431	0174432
100A	3 Pole	0174501	0174502
	3 Pole + NC/NO	0174511	0174512
	4 Pole Neutral L*	0174521	0174522
	4 Pole Neutral L + NC/NO*	0174531	0174532

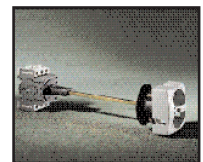
base & din-rail mounted switches
modular and door interlock versions
including handle and shaft



Modular (in-panel)
presentation
0172425



Metal short shaft
Extension 0168409SS**
Min. 5.71" Max. 10.63"



Metal long shaft
Extension 0168409LS**
Min. 5.71" Max. 16.54"

		Part #	Part #	Part #
80A	3 Pole	0174405	0168409SS	0168409LS
	3 Pole + NC/NO	0174415	0168419SS	0168419LS
	4 Pole neutral L*	0174425	0168429SS	0168429LS
	4 Pole neutral L + NC/NO*	0174435	0168439SS	0168439LS
100A	3 Pole	0174505	0168509SS	0168509LS
	3 Pole + NC/NO	0174515	0168519SS	0168519LS
	4 Pole neutral L*	0174525	0168529SS	0168529LS
	4 Pole neutral L + NC/NO*	0174535	0168539SS	0168539LS

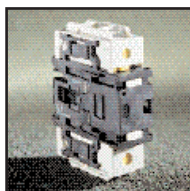
*4th Pole is Late Break Neutral

**Standard version for Din Rail Mounting.

***Switches are available with IP65 protection by adding the suffix -1 to the part number, example 0174001-1.

Components and Accessories for 80A and 100A Switches

Part #



Terminal (junction) block
0172585



1 pole early make auxiliary
contact 0172597

IP65 Seal Kit for door / panel mount switches	80A/100A	0172277
IP65 Seal Kit for door interlock switches	80A/100A	0174269
3 pole body without handle	80A	0172400
Additional Pole	80A	0172475
Late Break Neutral pole	80A	0172465
Terminal (junction) block	80A/100A	0172585
3 pole body without handle	100A	0172500
Additional Pole	100A	0172575
Late Break Neutral pole	100A	0172565
Auxiliary contact NC/NO	10A	0172179
1 pole early break auxiliary contact	5A	0172595
2 pole early break auxiliary contact	5A	0174595
1 pole early make auxiliary contact	5A	0172597

Disconnect Switches

components / accessories

UL / CSA / CE

Sizes - 25A/32A



Auxiliary NC/NO contact block
0172179

Contact Blocks:

3 pole body without handle	25A	Part #
Additional Pole	25A	0172000
Late Break Neutral pole	25A	0172075
		0172065

Junction (terminal) block	25A/32A	0172185
---------------------------	---------	---------

3 pole body without handle	32A	0172100
Additional Pole	32A	0172175
Late Break Neutral pole	32A	0172165

Auxiliary contact NC/NO	10A	0172179
1 pole early break auxiliary contact	5A	0172195
2 pole early break auxiliary contact	5A	0174195
1 pole early make auxiliary contact	5A	0172197

Terminal Covers:

3 pole terminal cover	0172167
Additional pole, neutral pole or junction block	0172177

Handles:

Padlockable presentation	o 66	yellow/red	0172601
Non-padlockable presentation	o 64	yellow/red	0172602
Ø 22 mm padlockable presentation	o 66	yellow/red	0172603
Ø 22 mm Non-padlockable presentation	o 48	yellow/red	0172604
Padlockable presentation	o 66	gray	0174601
Non-padlockable presentation	o 64	gray	0174602
Ø 22 mm padlockable presentation	o 66	gray	0174603

IP65 Seal Kits:

IP65 Seal Kit for door / panel mount switches	0172267
Kit not for use with 22mm single hole mount switches.	
These versions must be ordered as IP65 version from factory.	
IP65 Seal Kit for door interlock switches	0174259

Sizes - 50A/63A



63A 3 pole body without handle
0172300

Contact Blocks:

3 pole body without handle	50A	Part #
Additional Pole	50A	0172200
Late Break Neutral pole	50A	0172275
		0172265

Junction (terminal) block	50A/63A	0172385
---------------------------	---------	---------

3 pole body without handle	63A	0172300
Additional Pole	63A	0172375
Late Break Neutral pole	63A	0172365

Auxiliary contact NC/NO	10A	0172179
1 pole early break auxiliary contact	5A	0172395
2 pole early break auxiliary contact	5A	0174395
1 pole early make auxiliary contact	5A	0172397

Terminal Covers:

3 pole terminal cover	0172367
Additional pole, neutral pole or junction block	0172377

Handles:

Padlockable presentation	o 66	yellow/red	0172601
Non-padlockable presentation	o 72	yellow/red	0172612
Padlockable presentation	o 66	gray	0174601
Non-padlockable presentation	o 72	gray	0174612

IP65 Seal Kits:

IP65 Seal Kit for door / panel mount switches	0172267
IP65 Seal Kit for door interlock switches	0174259

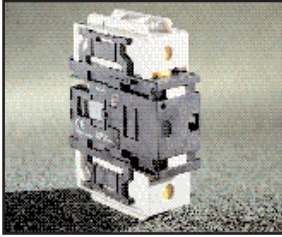


50A/63A 3 pole terminal cover
0172367

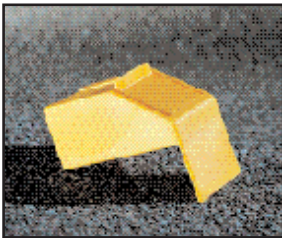
Disconnect Switches

components / accessories

Sizes - 80A/100A



100A additional pole
0172575



80A/100A neutral pole terminal cover
0172577

Contact Blocks:

3 pole body without handle	80A	0172400
Additional Pole	80A	0172475
Late Break Neutral pole	80A	0172465
Junction (terminal) block	80A/100A	0172585
3 pole body without handle	100A	0172500
Additional Pole	100A	0172575
Late Break Neutral pole	100A	0172565
Auxiliary contact NC/NO	10A	0172179
1 pole early break auxiliary contact	5A	0172595
2 pole early break auxiliary contact	5A	0174595
1 pole early make auxiliary contact	5A	0172597

Terminal Covers:

3 pole terminal cover	0172567
Additional pole, neutral pole or junction block	0172577

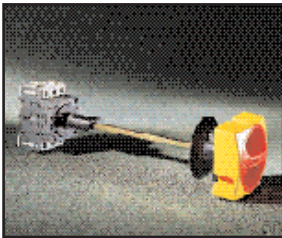
Handles:

Padlockable presentation	o 86	yellow/red	0172621
Non-padlockable presentation	o 96	yellow/red	0172622
Padlockable presentation	o 86	gray	0174621
Non-padlockable presentation	o 96	gray	0174622

IP65 Seal Kits:

IP65 Seal Kit for door / panel mount switches	0172277
IP65 Seal Kit for door interlock switches	0174269

All Sizes - 25A to 100A



Metal Shaft Door Interlock System

Terminal Covers:

Terminal cover for auxiliary NC/NO contact (pair)	0172189
Terminal cover for early make or break auxiliary contact	0172199

Metal Shaft Door Interlock Conversion Kits

short shaft	0174243
long shaft	0174253
short shaft - without door interlock	0174189
long shaft - without door interlock	0174199



Legend plates, blank and engraved
0172629 and 0172639

Legend Plates For Padlockable Handles

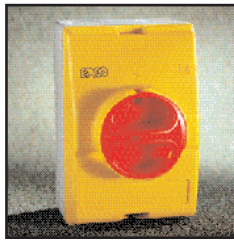
Blank	0172629
Engraved "MAIN SWITCH"	0172649
Custom Engraved	0172669
State text required when ordering	
1 line: maximum 15 characters	
2 lines: maximum 18 characters (1st line)	
maximum 20 characters (2nd line)	

Disconnect Switches
yellow/red presentation

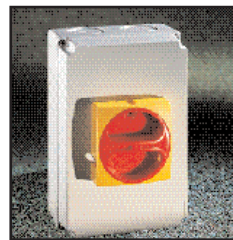
25A to 100A

IP40 in standard version IP65 on request*

UL / CSA / CE



Padlockable enclosure
(25A and 32A only)
0172061



Padlockable enclosure
25A to 100A
0172261



Non-padlockable
enclosure 25A to 100A
0172162

		Part Number	Part Number	Part Number
25A**	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO	0172061 0172071 0172081 0172091	0172009 0172029	0172062 0172072 0172082 0172092 0172019 0172039
32A**	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO	0172161 0172171 0172181 0172191	0172109 0172129	0172162 0172172 0172182 0172192 0172119 0172139
50A	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO		0172261 0172271 0172281 0172291 0172209 0172229	0172262 0172272 0172282 0172292 0172219 0172239
63A	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO		0172361 0172371 0172381 0172391 0172309 0172329	0172362 0172372 0172382 0172392 0172319 0172339
80A	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO		0172461 0172471 0172481 0172491 0172409 0172429	0172462 0172472 0172482 0172492 0172419 0172439
100A	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO		0172561 0172571 0172581 0172591 0172509 0172529	0172562 0172572 0172582 0172592 0172519 0172539

* Enclosures available with IP65 protection, add -6 to the part numbers above. Example 0172261-6.

** Note that the 25A and 32A padlockable 3 and 4 pole versions with or without NC/NO contact are IP66 standard.

Disconnect Switches
gray presentation

25A to 100A

IP40 in standard version IP65 on request*

UL / CSA / CE



Padlockable enclosure
(25A and 32A only)
0174061



Padlockable enclosure
25A to 100A
0174261



Non-padlockable
enclosure 25A to 100A
0174162

	Part Number	Part Number	Part Number
25A**	3 Pole 0174061 3 Pole + NC/NO 0174071 4 Pole neutral L 0174081 4 Pole neutral L + NC/NO 0174091 6 Pole 6 Pole + NC/NO	 0172009 0172029	0174062 0174072 0174082 0174092 0174019 0174039
32A**	3 Pole 0174161 3 Pole + NC/NO 0174171 4 Pole neutral L 0174181 4 Pole neutral L + NC/NO 0174191 6 Pole 6 Pole + NC/NO	 0174109 0174129	0174162 0174172 0174182 0174192 0174119 0174139
50A	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO	0174261 0174271 0174281 0174291 0174209 0174229	0174262 0174272 0174282 0174292 0174219 0174239
63A	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO	0174361 0174371 0174381 0174391 0174309 0174329	0174362 0174372 0174382 0174392 0174319 0174339
80A	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO	0174461 0174471 0174481 0174491 0174409 0174429	0174462 0174472 0174482 0174492 0174419 0174439
100A	3 Pole 3 Pole + NC/NO 4 Pole neutral L 4 Pole neutral L + NC/NO 6 Pole 6 Pole + NC/NO	0174561 0174571 0174581 0174591 0174509 0174529	0174562 0174572 0174582 0174592 0174519 0174539

* Enclosures available with IP65 protection, add -6 to the part numbers above. Example 0174261-6

** Note that the 25A and 32A padlockable 3 and 4 pole versions with or without NC/NO contact are IP66 standard.

25A/32A Empty Enclosures and Enclosure Accessories



25A/32A empty enclosure
0172399

Padlockable switches up to 4 poles + auxiliary contact:

Empty enclosure (new style)	yellow/red	0172399
Empty enclosure (new style)	gray	0174399
Terminal connection for ground or neutral		0174449
Self-Adhesive legend:		
Blank		0174599
Engraved "Main Switch"		0174569
PG16 size cable gland		CM14P
Cable conduit clamp only		0173626

Non - Padlockable switches up to 4 poles + auxiliary contact:

Empty enclosure	0172549
PG16 size cable gland	CM14P

Switches 6 poles and 6 poles + auxiliary contact

Empty enclosure	0172559
PG21 size cable gland	CM18P



25A/32A empty enclosure
0172549

50A/63A Empty Enclosures and Enclosure Accessories



50A/63A empty enclosure
0172579

Switches up to 4 poles + auxiliary contact:

Empty enclosure	0172569
PG21 size cable gland	CM18P

Switches 6 poles and 6 poles + auxiliary contact

Empty enclosure	0172579
PG29 size cable gland	CM24P

80A/100A Empty Enclosures and Enclosure Accessories



80A/100A empty enclosure
0172599

Switches up to 3 poles + auxiliary contact:

Empty enclosure	0172589
PG21 size cable gland	CM18P

Switches 4 poles to 6 poles + auxiliary contact

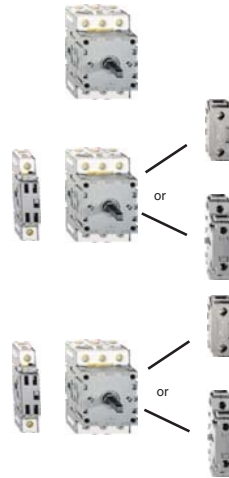
Empty enclosure	0172599
PG21 size cable gland	CM18P
PG29 size cable gland	CM24P

Disconnect Switches **25A to 100A**
selection guide for disconnect switches in enclosures

25A/32A Enclosures



Enclosures for 3 poles to 4 poles + aux.



Enclosures for 6 poles and 6 poles + aux.



50A/63A Enclosures



Enclosures for 3 poles to 4 poles + aux.



Enclosures for 6 poles and 6 poles + aux.



80A/100A Enclosures

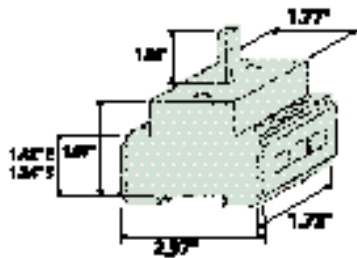
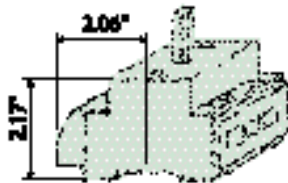
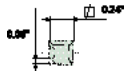


Enclosures for 3 poles and 3 poles + aux.

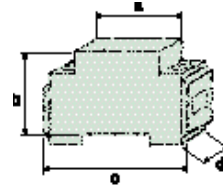


Enclosures for 4 poles to 6 poles + aux.



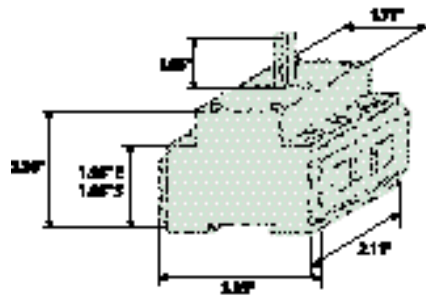
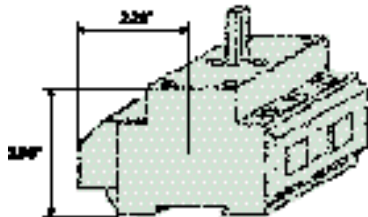
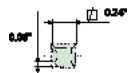


block 25 and 32A with or without terminal covers

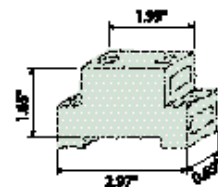


additional pole
neutral pole
terminal (junction) block

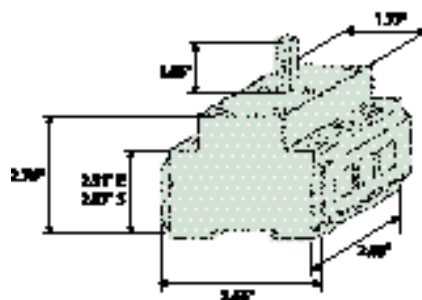
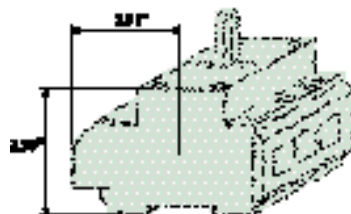
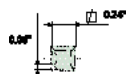
	a	b	c	d
25 - 32A	1.77"	1.71"	2.97"	0.57"
50 - 63A	1.77"	2.36"	3.35"	0.71"
80 - 100A	1.77"	2.76"	3.66"	1.06"



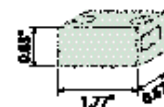
block 50 and 63A with or without terminal covers



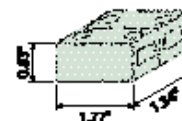
auxiliary NC/NO contact



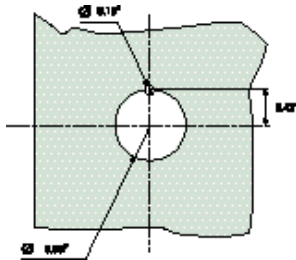
block 80 and 100A with or without terminal covers



early break/ early make auxiliary contact



2 pole early break auxiliary contacts

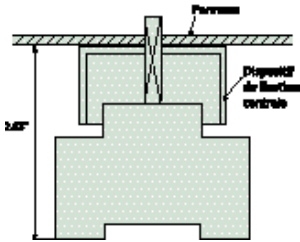


Panel drilling for one hole 22mm mounting padlockable or non-padlockable handle

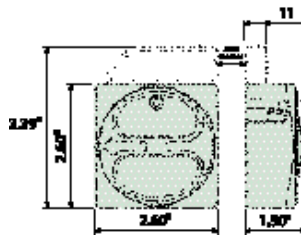
Panel Drilling



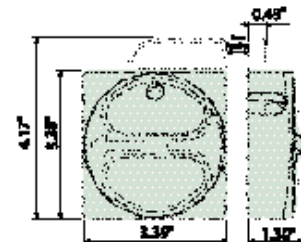
	Padlockable Handle	Non-Padlockable Handle
25 - 32A	o 66mm (2.60" sq.)	o 64mm (2.52" sq.)
50 - 63A	o 66mm (2.60" sq.)	o 72mm (2.83" sq.)
80 - 100A	o 86mm (3.39" sq.)	o 96mm (3.78" sq.)



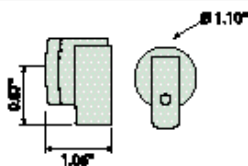
25 - 32A depth for one hole 22mm mounting padlockable or non-padlockable handle



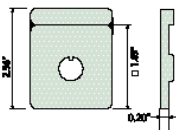
25, 32, 50 and 63A Padlockable handle
o 66mm (2.60" sq.)



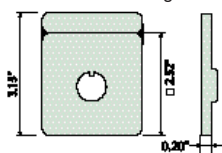
80 - 100A Padlockable handle
o 86mm (3.39" sq.)



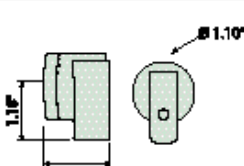
small handle



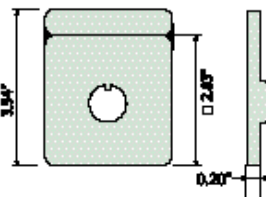
Non-Padlockable handle o 48mm (1.89" sq.)
for 25 and 32A switches single hole mount



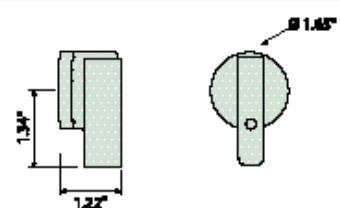
Non-Padlockable handle o 64mm (2.52" sq.)
for 25 and 32A switches



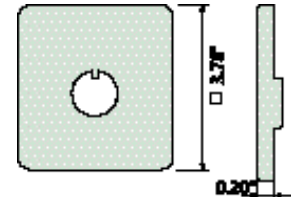
medium handle



Non-Padlockable handle o 72mm (2.83" sq.)
for 50 and 63A switches

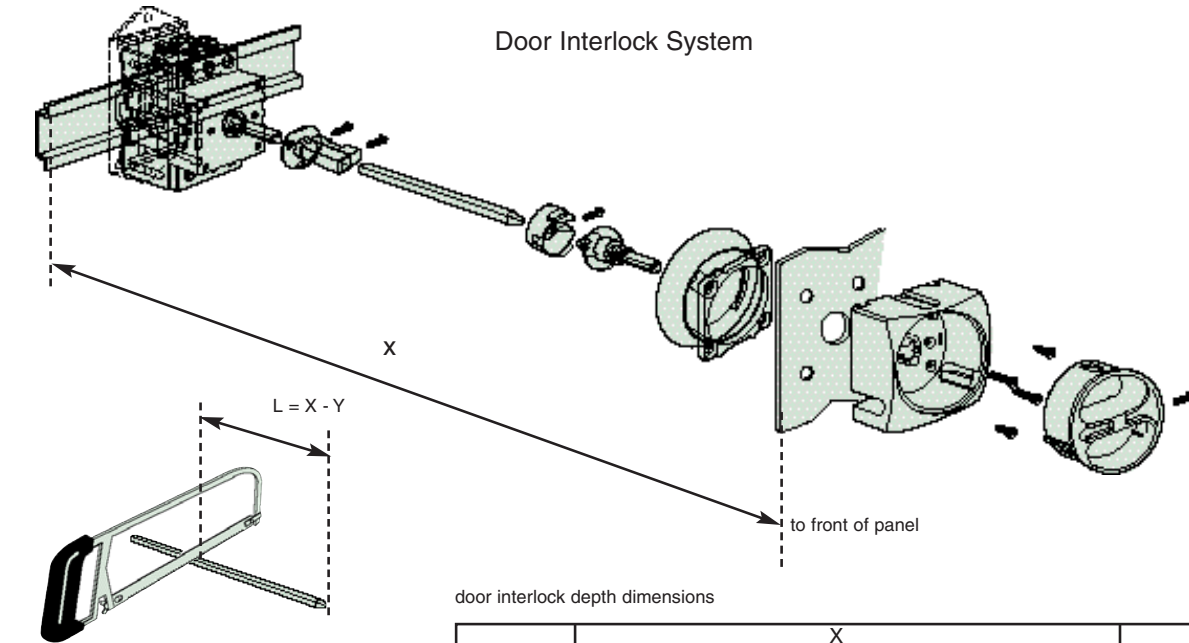


large handle



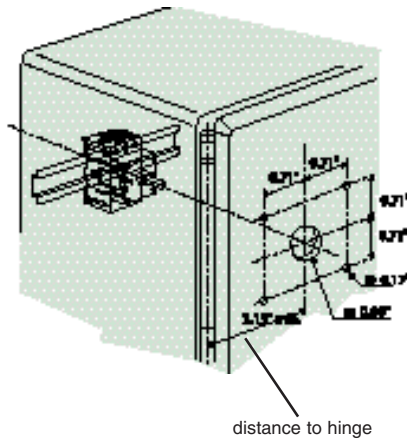
Non-Padlockable handle o 96mm (3.78" sq.)
for 80 and 100A switches

Door Interlock System



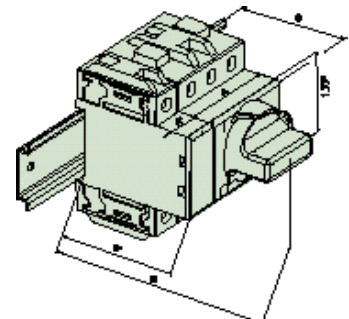
door interlock depth dimensions

	X			Y
	without shaft	with short shaft	with long shaft	
25A / 32A	3.39 - 3.94" 86 - 100 mm	4.92 - 9.84" 125 - 250 mm	4.92 - 15.75" 125 - 400 mm	3.62" 92 mm
50A / 63A	3.78 - 4.33" 96 - 110 mm	5.31 - 10.24" 135 - 260 mm	5.31 - 16.14" 135 - 410 mm	4.02" 102 mm
80A / 100A	4.17 - 4.72" 106 - 120 mm	5.71 - 10.63" 145 - 270 mm	5.71 - 16.54" 145 - 420 mm	4.41" 112 mm



Modular (in-panel) presentation

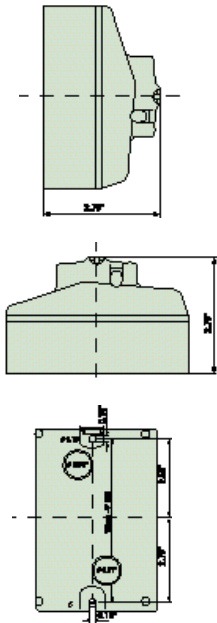
	A	A'	B	B'	C
25A / 32A	1.73" 44 mm	0.57" 14.5 mm	2.09" 53 mm	1.71" 43.5 mm	3.11" 79 mm
50A / 63A	2.11" 53.6 mm	0.71" 18 mm	2.48" 63 mm	2.48" 63 mm	3.50" 89 mm
80A / 100A	2.83" 71.8 mm	1.06" 26.8 mm	2.87" 73 mm	2.87" 73 mm	3.90" 99 mm



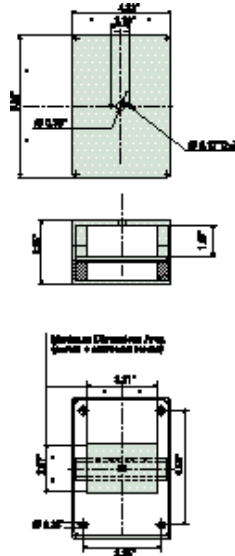
Disconnect Switches
dimensions

25A to 100A

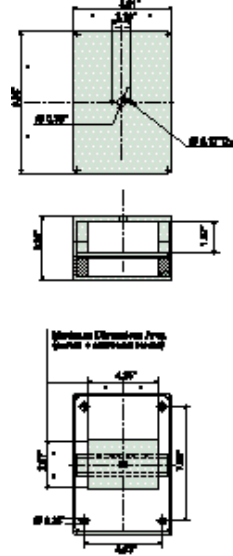
UL / CSA / CE



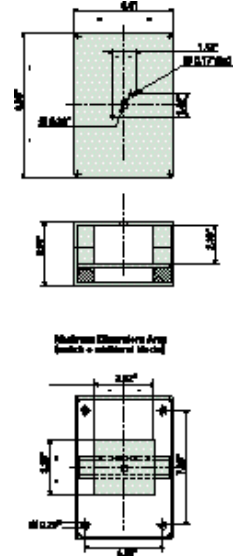
Enclosure for 25 and 32A
Padlockable Handle
3 poles to 4 poles + aux. NC/NO



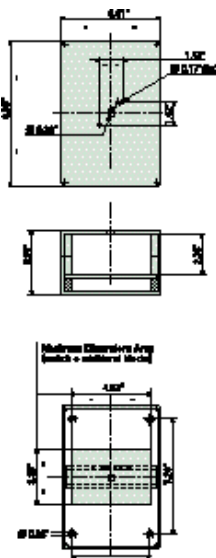
Enclosure for 25 and 32A
Non-Padlockable Handle
3 poles to 4 poles + aux. NC/NO



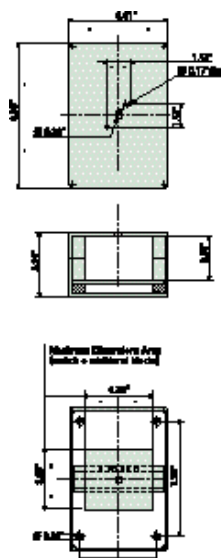
Enclosure for 25 and 32A
6 poles and 6 poles + aux. NC/NO



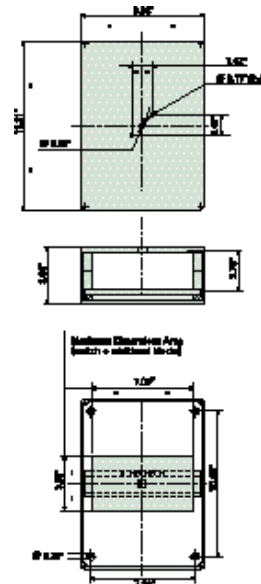
Enclosure for 50 and 63A
3 poles to 4 poles + aux. NC/NO



Enclosure for 50 and 63A
6 poles and 6 poles + aux. NC/NO



Enclosure for 80 and 100A
3 poles and 3 poles + aux. NC/NO



Enclosure for 80 and 100A
4 poles to 6 poles + aux. NC/NO

IEC

		25 A	32 A	50 A	63 A	80 A	100 A	
Rated operating voltage Ui		V	690	690	690	690	690	
Rated thermal current - open - Iu/Ith		A	25	32	50	63	100	
Rated thermal current - enclosed - Ith		A	20	25	40	50	80	
Rated impulse withstand voltage U imp ⁽¹⁾ kV			6	6	6	6	6	
Rated operating current Ie Ie AC - 21A/22A 230 to 690 V		A	25	32	50	63	100	
Rated operating power								
AC-23A	3 x 230 V	kW	5.5	5.5	15	15	18.5	22
	3 x 400 V		7.5	11	18.5	22	30	37
	3 x 500 V		7.5	11	22	30	37	45
	3 x 690 V		7.5	11	18.5	22	22	30
	3 x 230 V		4	4	7.5	11	15	18.5
	3 x 400 V		5.5	7.5	15	18.5	22	30
	3 x 500 V		5.5	7.5	15	22	30	37
	3 x 690 V		5.5	7.5	15	18.5	18.5	22
Make - break characteristics								
Rated make capacity		Aeff/400 V	710	710	1270	1270	1970	1970
Rated break capacity		Aeff/400 V	330	330	800	800	800	800
Short circuit characteristics								
Rated short time withstand current - Icw		Aeff/400 V/1s	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/400V	10	10	10	10	10	10
with fuse gl/gG		A	25	32	50	63	80	100
Mechanical life AC-20		million	0.1	0.1	0.04	0.04	0.04	0.04
Connections								
Stranded wire plus connector (max/min)		AWG	8 - 14	8 - 14	4 - 14	4 - 14	1 - 14	1 - 14
		mm²	6/0.75	6/0.75	16/1.5	16/1.5	35/2.5	35/2.5
Solid wire		AWG	8 - 14	8 - 14	4 - 14	4 - 14	1 - 14	1 - 14
		mm²	10	10	25	25	50	50
Protection rating			inside panel : IP xx B outside panel : IP 40			IP 65 upon request		
Conformity to standards			IEC 947-3 - EN 60 947-3					
Approvals			UL - cUL (USA - Canada) - CE					
Climactic resistance			Tropical atmosphere according to :			IEC 68/2.3 constant humid heat IEC 68/2.30 cyclical humid heat		
Auxiliary contact electrical characteristics								
Rated operating voltage Ui		V	400	400	400	400	400	400
Rated thermal current - open - Iu/Ith		A	10	10	10	10	10	10
Rated operating current - Ie AC-15		230 V	6	6	6	6	6	6
		400 V	4	4	4	4	4	4
Protection against short circuit by fuse gG		A	10	10	10	10	10	10
Connection Stranded wire max.		AWG	14 - 18	14 - 18	14 - 18	14 - 18	14 - 18	14 - 18
		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

DC electrical characteristics, contact Baco Controls

UL / CSA / CE

UL / cUL				Size 1 25 A	Size 1 32 A	Size 2 50 A	Size 2 63 A	Size 3 80 A	Size 3 100 A
Rated Voltage		V	600	600	600	600	600	600	
General Use Current		A	25	32	50	63	80	100	
Motors Ratings	1 x 120 Vac	HP	0.75	1	1.5	3	3	5	
	1 x 240 Vac	HP	1.5	2	3	5	10	10	
	1 x 277 Vac	HP	2	3	5	7.5	10	15	
	3 x 120 Vac	HP	1.5	2	3	5	7.5	10	
	3 x 240 Vac	HP	3	5	7.5	10	20	25	
	3 x 480 Vac	HP	7.5	10	15	20	40	50	
	3 x 600 Vac	HP	7.5	10	15	20	40	50	
	Auxiliary Blocks	Heavy Duty Standard Duty	NC / NO Early Make Early Break	A600 B300 B300	A600 B300 B300	A600 B300 B300	A600 B300 B300	A600 B300 B300	
Wire Gauge		3-Pole Body Additional Pole Late Break Neutral Terminal Block	8 - 14 AWG	8 - 14 AWG	4 - 14 AWG	4 - 14 AWG	1 - 14 AWG	1 - 14 AWG	
		Auxiliary Contacts	14 - 18 AWG	14 - 18 AWG	14 - 18 AWG	14 - 18 AWG	14 - 18 AWG	14 - 18 AWG	
Temperature Range		Storage and Operation	deg F deg C	-22 to +158 -30 to +70	-22 to +158 -30 to +70	-22 to +158 -30 to +70	-22 to +158 -30 to +70	-22 to +158 -30 to +70	
Short Circuit Rating		Fuse Type K5 Fuse Size	A A	5000 40	5000 40	5000 80	5000 80	5000 125	10000 125

Enclosures

Dimensions	Inches mm	5.91 x 3.94 x 3.78* 150 x 100 x 96*	8.66 x 5.91 x 3.94 220 x 150 x 100	8.66 x 5.91 x 3.94 220 x 150 x 100	8.66 x 5.91 x 3.94 220 x 150 x 100	8.66 x 5.91 x 3.94 220 x 150 x 100	11.81 x 8.66 x 5.91 300 x 220 x 100
Rating		25 and 32 A 3 poles to 4 poles + NC/NO	25 and 32 A 6 poles and 6 poles + NC/NO	50 and 63 A 3 poles to 4 poles + NC/NO	50 and 63 A 6 poles and 6 poles + NC/NO	80 and 100 A 3 poles and 3 poles + NC/NO	80 and 100 A 4 poles to 6 poles + NC/NO
Cable entries		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 push-through openings (mm)		22.5/25*	28.5	28.5	37.5	37.5	37.5/28.5

Switch/base assembly on 35 mm DIN rail (this rail is suitably notched to ensure the positioning of the switch)

Insulation class II installed (provided correct usage of the insulation plugs which must be pushed down over the base-to-panel mounting screws, supplied with each enclosure.)

Impact resistance IK 7

Fire resistance 960° C by incandescent wire (IEC 925-2-1)

Protection rating	IP 40 in standard version (IP 65 on request)
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* Dimensions given for Padlockable version.
Non-Padlockable dimensions 150 x 100 x 75. M25 entry only with Padlockable version.