

M21

Switch fuses

base mounting 3P - 3P+N

Size 2

A 250|315|400


 NH 1 NH 2 BS B1
 BS B2 BS B3 BS B4


CODE-250A

 3P
 3P + N
M2102503PSD10
M2102503NSD10

Fuses

NH 1

CODE-400A

M2104003PSD20
M2104003NSD20

NH 2

CODE-315A

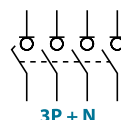
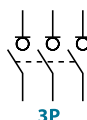
M2103153PSB40
M2103153NSB40

BS B1...BS B3

CODE-400A

M2104003PSB50
M2104003NSB50

BS B1...BS B4



Technical information



According to IEC 60947-3

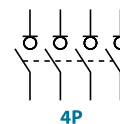
			250	315	400
Fuses	NH/DIN		1	-	2
	BS		-	B1-B3	B1-B4
Rated thermal current in ambient at 40 °C	I _{th}	A	250	315	400
Rated thermal current in enclosure	I _{the}	A	250	-	400
Rated insulation voltage	U _i	V	1000	1000	1000
Rated impulse withstand voltage	U _{imp}	kV	12	12	12
Power dissipation in fuse links ^{*(1)}	NH/DIN	W	18,7	-	30
	BS		-	24	29
AC rated operational current ^{*(2)} (Rated frequency 50 / 60 Hz)	U _e 400 V AC21A	A	250	315	400
	U _e 400 V AC22A	A	250	315	400
	U _e 400 V AC23A	A	250	315	400

^{*(1)} Power dissipation values of fuse - links used in type tests. Please consult for fuse - links with higher power dissipation

^{*(2)} Other voltages and / or utilization categories; please consult us

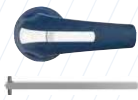
^{*(3)} With a protective device limiting the cut - off current and the joule integral to the indicated values

			250	315	400
Rated breaking capacity	400 V; cos φ = 0,35÷0,45	A	2000	2520	3200
Rated making capacity	400 V; cos φ = 0,45	A	2500	3150	4000
Short - circuit behaviour					
Rated conditional short-circuit current ^{*(3)}	I _q	kA rms	100	100	100
Rated conditional short-circuit making ^{*(3)}		kA rms	100	100	100
Maximum cut - off current		kA (peak)	43,3	43,3	43,3
Maximum power dissipation		A ² s (x 10 ³)	1600	1600	1600
Number of mechanical operations (according to the standards, for other values please consult)		Cycles	8000	8000	5000
Maximum weight 3P		kg	6,6	6,6	6,6
Maximum weight 3P+N		kg	8	8	8



Also available 4P switches
under request, please consult

Accessories

» External handle included shaft ^{*(e1)}

IP65

CODE DS-LA22

» Emergency external handle included shaft ^{*(e1)}

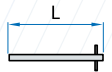
IP65

CODE DS-LR22



» Direct handle

CODE DM2SI21



» Shafts

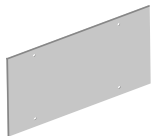
Standard shaft included ^{*(e1)}

L (mm)	P (mm)
239	216... 286

Shaft extensions

Type 1

L (mm)	P (mm)	CODE
345	216... 392	DS-EP23

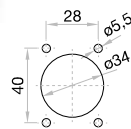


» Rear protective plate

3P	4P
DM2PP21	DM2PP22

Dimensions (mm)

Door drilling for external handle



» Terminal shrouds



3P INPUT	3P OUTPUT	4P INPUT/OUTPUT
DM2CU21	DM2CU22	DM2CU23

(1 kit for input or output)

» Auxiliary contacts

1NO+1NC	CODE	D5LAU01
2NO+2NC	CODE	D5LAU02

I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» Safety key lock device

Simple CODE DS-CB21

Double CODE DS-CF21

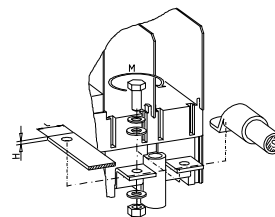
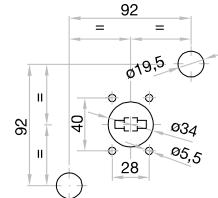
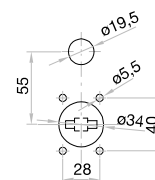


For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

Door drilling for handle and key lock device

Simple

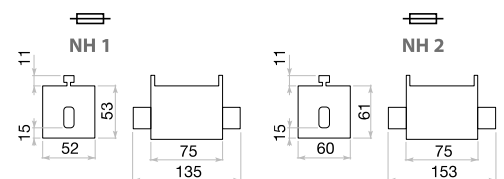
Double



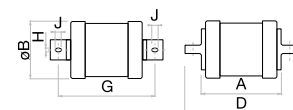
S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M
240	6	40	M10 24

Fuses

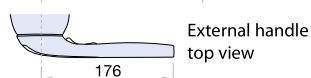
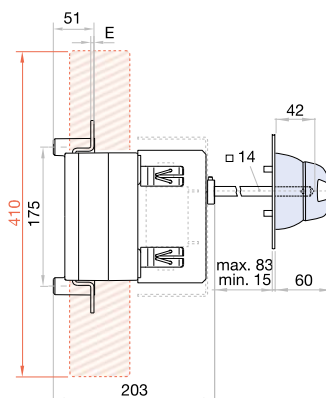
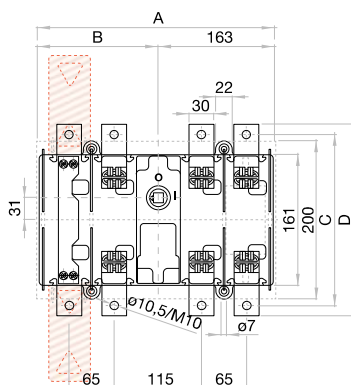
Maximum dimensions



BS B1
BS B2
BS B3
BS B4



	A	ØB	D	G	H	J
	max	max	max	nom	nom	min
B1	70	37				
B2	77	42	138	111	8,7	11
B3						
B4	83	66				



External handle top view

	A	B	C	D	E
	3P	4P	3P	4P	
250 A					212 242 4
315 A	274	329	111	166	
400 A					216 246 5

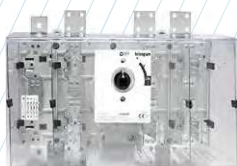
M21

Switch fuses

base mounting 3P - 3P+N

Size 3

A 630|800


 NH 3 BS C1 BS C2
BS C3


CODE-630A

 3P
3P + N
M2106303PSD30
M2106303NSD30

CODE-800A

 M2108003PSD30
M2108003NSD30

CODE-630A

 M2106303PSB70
M2106303NSB70

CODE-800A

 M2108003PSB80
M2108003NSB80

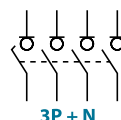
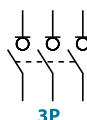
Fuses

NH 3

NH 3

BS C1...BS C2

BS C1...BS C3



Technical information



According to IEC 60947-3

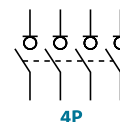
			630	800
Fuses	NH/DIN		3	3
	BS		C1-C2	C1-C3
Rated thermal current in ambient at 40 °C	I _{th}	A	630	800
Rated thermal current in enclosure	I _{the}	A	630	725
Rated insulation voltage	U _i	V	1000	1000
Rated impulse withstand voltage	U _{imp}	kV	12	12
Power dissipation in fuse links ^{*(1)}	NH/DIN	W	48	57
	BS		44	63
AC rated operational current ^{*(2)} (Rated frequency 50 / 60 Hz)	Ue 400 V AC21A	A	630	800
	Ue 400 V AC22A	A	630	800
	Ue 400 V AC23B	A	630	630

^{*(1)} Power dissipation values of fuse - links used in type tests. Please consult for fuse - links with higher power dissipation

^{*(2)} Other voltages and / or utilization categories; please consult us

^{*(3)} With a protective device limiting the cut - off current and the joule integral to the indicated values

			630	800
Rated breaking capacity	400 V; cos φ = 0,35 ÷ 0,45	A	5040	5040
Rated making capacity	400 V; cos φ = 0,45	A	6300	6300
Short - circuit behaviour				
Rated conditional short-circuit current ^{*(3)}	I _q	kA rms	100	100
Rated conditional short-circuit making ^{*(3)}		kA rms	100	100
Maximum cut - off current		kA (peak)	60,8	60,8
Maximum power dissipation		A ² s (x 10 ³)	4600	4600
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		5000	3000
Maximum weight 3P		kg	13	13
Maximum weight 3P+N		kg	15	15



Also available 4P switches
under request, please consult

Accessories



» **External handle** included shaft ^{*(e1)}

IP65

CODE DS-LA31



» **Emergency external handle** included shaft ^{*(e1)}

IP65

CODE DS-LR31



» **Direct handle**

CODE DM2SI31

» **Shafts**

Standard shaft included ^{*(e1)}

L (mm) P (mm)
186 235... 286

Shaft extensions

Type 1

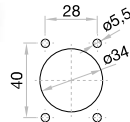
L (mm) P (mm) CODE
345 235... 445 DS-EP23

» **Rear protective plate**

3P 4P
DM2PP31 DM2PP32

Dimensions (mm)

Door drilling for external handle



» **Terminal shrouds**

3P INPUT 3P OUTPUT 4P INPUT/OUTPUT
DM2CU31 DM2CU32 DM2CU33
(1 kit for input or output)



» **Auxiliary contacts**

1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» **Safety key lock device**

Simple CODE DS-CB31

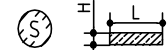
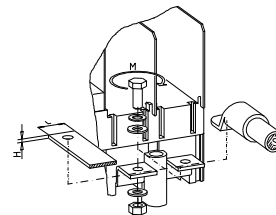
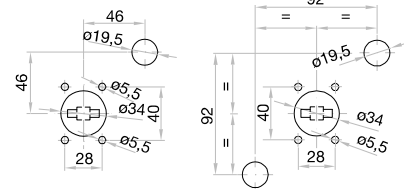
Double CODE DS-CF31

For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

Door drilling for handle and key lock device

Simple

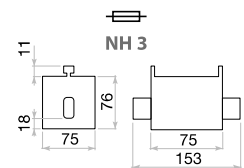
Double



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M Nxm
630 A	2x185	2x7	50	M12 45
800 A	2x240	2x7	50	M8 13

Fuses

Maximum dimensions

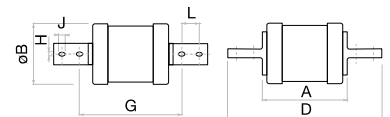


NH 3

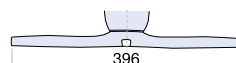
BS C1

BS C2

BS C3



	A	øB	D	G	H	J	L
	max	max	max	nom	nom	min	min
C1	83	66				11	25,4
C2	85	77	212	133	10,3		
C3	89	84				12,5	



External handle
top view