

M21 Fusible switch base mounting 3P - 3P+N

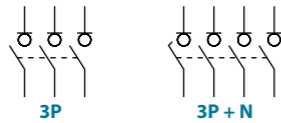
Size 3

A 630|800

NH 3 BS C1 BS C2
BS C3



Fuses	3P	CODE-630A	M2106303PSD30	CODE-800A	M2108003PSD30	CODE-630A	M2106303PSB70	CODE-800A	M2108003PSB80
	3P+N		M2106303NSD30		M2108003NSD30		M2106303NSB70		M2108003NSB80
	NH 3			NH 3		BS C1...BS C2		BS C1...BS C3	



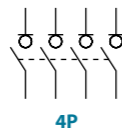
Technical information



According to IEC/EN 60947-3

		630		800	
Fuses	NH/DIN	A	3	3	
	BS	A	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 dielectric strength	50 Hz, 1 min	kV	8000	8000	
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)	U _e 400 V AC21A	A	630	800	
	U _e 400 V AC22A	A	630	800	
	U _e 400 V AC23A	A	630	630	
	U _e 500 V AC21A	A	630	800	
	U _e 500 V AC22A	A	630	800	
U _e 500 V AC23A	A	630	630		
AC rated operational power ^{*(3)} P _e	3x400 V AC23A	kW	355	355	

		630		800	
Rated capacitor power	400 V	kVar	250	325	
Rated breaking capacity	400 V; cos φ = 0,35±0,45	A	5100	5100	
Rated making capacity	400 V; cos φ = 0,45	A	6300	6300	
Conditional short - circuit current					
Fuse protected short-circuit withstand ^{*(4)}		kA rms	100	100	
Fuse protected short-circuit making ^{*(4)}		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	
Minimum number of mechanical operations ^{*(5)}		Cycles	5000	5000	
Maximum weight 3P		kg	13	13	
Maximum weight 3P+N		kg	15	15	



Also available 4P switches under request, consult reference

^{*(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)} Indicative values: current values depend on the motor manufacturer
^{*(4)} With a protective device limiting the cut - off current and the joule integral to the indicated values
^{*(5)} Please consult us for more operations

Accessories



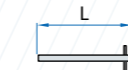
External handle included shaft ^{*(e1)}
 IP65|UL50E/NEMA 250
 Types: 1, 3R, 4, 4X y 12
 CODE DS-LA31



Emergency external handle included shaft ^{*(e1)}
 IP65|UL50E/NEMA 250
 Types: 1, 3R, 4, 4X y 12
 CODE DS-LR31



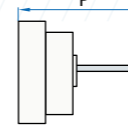
Direct handle
 CODE DM2S131



Shafts

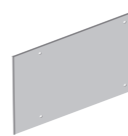
Standard shaft included ^{*(e1)}

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



Extended shafts
 Type 1

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

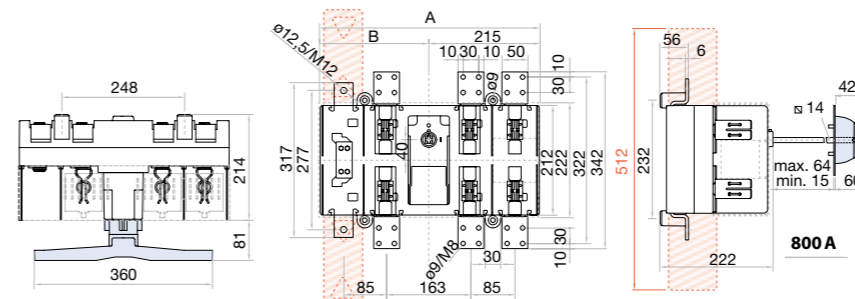
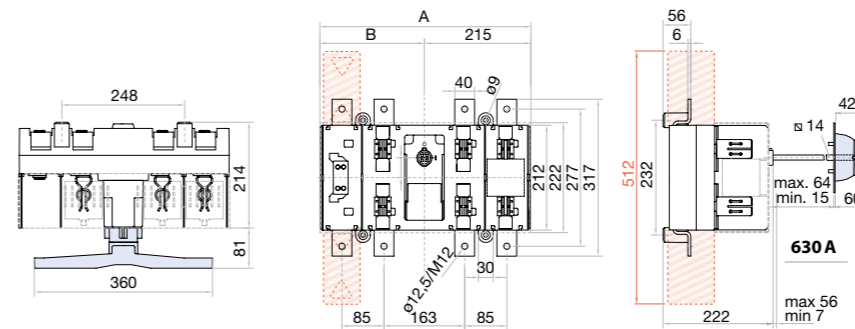
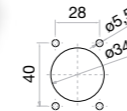


Rear protective plate

3P	4P
DM2PP31	DM2PP32

Dimensions (mm)

Door drilling for external handle



Terminal shrouds (1 kit for input or output)

3P INPUT	3P OUTPUT	4P INPUT / OUTPUT
DM2CU31	DM2CU32	DM2CU33



Auxiliary contacts

1NO+1NC CODE DSLAU01
 2NO+2NC CODE DSLAU02

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



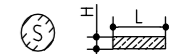
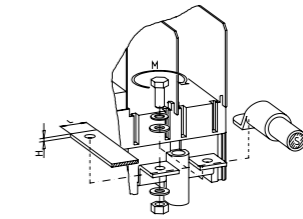
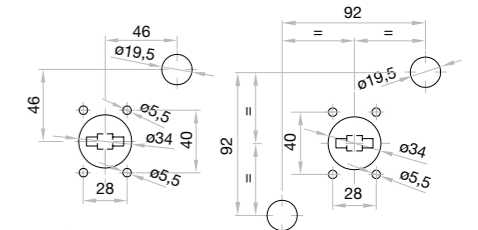
Safety key lock device

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 keylock device

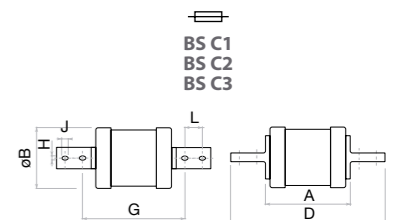
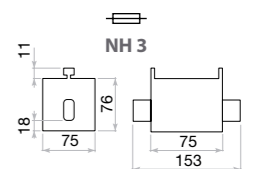
Simple Double



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

Fuses

Maximum dimensions



A		B	
3P	4P	3P	4P
381	426	166	211

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



External handle top view