

Автоматические выключатели

AIR Formula A3N, A3S

Технические характеристики

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Челябинск (351)202-03-61
Череповец (8202)49-02-64
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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ahk@nt-rt.ru || сайт: <https://abbswitch.nt-rt.ru>



A3N 400 MF
320-3840 3p F F



A3N 400 MF
250-3000 3p F F

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm
Product Net Weight:	4.75 kg	4.75 kg
Product Net Width:	139.5 mm	139.5 mm

Container Information

Package Level 1 Depth / Length:	244 mm	244 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	4.85 kg	4.85 kg
Package Level 1 Height:	228 mm	228 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	286 mm	286 mm

Additional Information

Product Main Type:	SACE FORMULA DSA	SACE FORMULA DSA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F

Technical

Electrical Durability:	2000 cycle	2000 cycle
Mechanical Durability:	5000 cycle	5000 cycle
Number of Poles:	3	3
Rated Current (I_n):	Main Circuit 320 A	Main Circuit 250 A
Rated Impulse Withstand Voltage (U_{imp}):	6 kV	6 kV
Rated Insulation Voltage (U_i):	690 V	690 V
Rated Operational Voltage:	550 V AC 250 V DC	550 V AC 250 V DC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA (480 V AC) 12.5 kA (500 V AC) 10 kA (250 V DC) 2 Poles in Series 18 kA	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA (480 V AC) 12.5 kA (500 V AC) 10 kA (250 V DC) 2 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA (250 V DC) 2 Poles in Series 36 kA	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA (250 V DC) 2 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	400 A	400 A
Release:	MF	MF
Release Type:	M	M
Short-Circuit Performance Level:	N	N
Standards:	IEC	IEC
Sub-type:	A3	A3
Terminal Connection Type:	Front	Front



A3N 400 TMF
300-3000 3p F F
50°C



A3N 400 TMF
320-3200 4p F F-
DVP



A3N 400 TMF
320-3200 3p F F-
DVP

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm	205 mm
Product Net Weight:	4.75 kg	6.4 kg	4.75 kg
Product Net Width:	139.5 mm	186 mm	139.5 mm



Container Information

Package Level 1 Depth / Length:	244 mm	N/A	N/A
Package Level 1 EAN:		N/A	N/A
Package Level 1 Gross Weight:	4.85 kg	6.5 kg	4.85 kg
Package Level 1 Height:	228 mm	N/A	N/A
Package Level 1 Units:	1 piece	N/A	N/A
Package Level 1 Width:	286 mm	N/A	N/A



Additional Information

Product Main Type:	SACE FORMULA	SACE FORMULA DSA	SACE FORMULA DSA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	N/A	N/A



Technical

Electrical Durability:	2000 cycle	N/A	N/A
Mechanical Durability:	5000 cycle	N/A	N/A
Number of Poles:	3	4	3
Rated Current (I _n):	Main Circuit 300 A	320 A	320 A
Rated Impulse Withstand Voltage (U _{imp}):	6 kV	N/A	N/A
Rated Insulation Voltage (U _i):	690 V	N/A	N/A
Rated Operational Voltage:	550 V AC 250 V DC	N/A	N/A
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA (480 V AC) 12.5 kA (500 V AC) 10 kA	N/A	N/A

	(250 V DC) 2 Poles in Series 18 kA		
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA (250 V DC) 2 Poles in Series 36 kA	N/A	N/A
Rated Uninterrupted Current (I _u):	400 A	N/A	N/A
Release:	TMF	TMF	TMF
Release Type:	TM	N/A	N/A
Remarks:	N/A	ATLAS - FORMULA DVP	ATLAS - FORMULA DVP
Short-Circuit Performance Level:	N	N	N
Standards:	IEC	N/A	N/A
Sub-type:	A3	A3	A3
Terminal Connection Type:	Front	N/A	N/A



A3N 400 TMF
400-4000 3p F F



A3N 400 TMF
400-4000 3p F F
50°C



A3N 400 TMF
400-4000 4p F F
InN=100%In

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm	205 mm
Product Net Weight:	4.561 kg	4.75 kg	6 kg
Product Net Width:	139.5 mm	139.5 mm	186 mm



Container Information

Package Level 1 Depth / Length:	244 mm	244 mm	244 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	4.85 kg	4.85 kg	6.5 kg
Package Level 1 Height:	228 mm	228 mm	228 mm
Package Level 1 Units:	1 piece	1 piece	1 piece
Package Level 1 Width:	286 mm	286 mm	286 mm



Additional Information

Product Main Type:	SACE FORMULA	SACE FORMULA	SACE FORMULA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F



Technical

Electrical Durability:	2000 cycle	2000 cycle	2000 cycle
Mechanical Durability:	5000 cycle	5000 cycle	5000 cycle
Number of Poles:	3	3	4
Opening Time:	CB with SOR 15 ms CB with UVR ≤25 ms	N/A	CB with SOR 15 ms CB with UVR ≤25 ms
Power Loss:	at Rated Operating Conditions per Pole 19.5 W	N/A	at Rated Operating Conditions per Pole 19.5 W
Rated Current (I _n):	Main Circuit 400 A	Main Circuit 400 A	Main Circuit 400 A
Rated Impulse Withstand Voltage (U _{imp}):	6 kV	6 kV	6 kV
Rated Insulation Voltage (U _i):	690 V	690 V	690 V
Rated Operational Voltage:	550 V AC 250 V DC	550 V AC 250 V DC	550 V AC 250 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA (480 V AC) 12.5 kA (500 V AC) 10 kA (250 V DC) 2 Poles in Series 18 kA	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA (480 V AC) 12.5 kA (500 V AC) 10 kA (250 V DC) 2 Poles in Series 18 kA	

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(240 V AC) 85 kA	(240 V AC) 85 kA	
	(380 V AC) 36 kA	(380 V AC) 36 kA	
	(415 V AC) 36 kA	(415 V AC) 36 kA	
	(440 V AC) 36 kA	(440 V AC) 36 kA	
	(480 V AC) 25 kA	(480 V AC) 25 kA	
	(500 V AC) 20 kA	(500 V AC) 20 kA	
	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	
Rated Uninterrupted Current (I_u):	400 A	400 A	400 A
Release:	TMF	TMF	TMF
Release Type:	TM	TM	TM
Short-Circuit Performance Level:	N	N	N
Standards:	IEC	IEC	IEC
Sub-type:	A3	A3	A3
Terminal Connection Type:	Front	Front	Front



Dimensions	A3N 630 ELT-I In=500 3p F F	A3N 630 ELT-LI In=630 4p F F	A3N 630 ELT-LI In=630 3p F F
Product Net Depth / Length:	103.5 mm	103.5 mm	
Product Net Height:	205 mm	205 mm	205 mm
Product Net Weight:	4.75 kg	6.4 kg	4.853 kg
Product Net Width:	139.5 mm	186 mm	139.5 mm

Container Information

Package Level 1 Depth / Length:	244 mm	244 mm	244 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	4.85 kg	6.5 kg	5.108 kg
Package Level 1 Height:	228 mm	228 mm	228 mm
Package Level 1 Units:	1 piece	1 piece	1 piece
Package Level 1 Width:	286 mm	286 mm	286 mm

Additional Information

Product Main Type:	SACE FORMULA DSA	SACE FORMULA	SACE FORMULA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F

Technical

Electrical Durability:	2000 cycle	2000 cycle	2000 cycle
Mechanical Durability:	5000 cycle	5000 cycle	5000 cycle
Number of Poles:	3	4	3
Opening Time:	N/A	CB with SOR 15 ms CB with UVR ≤25 ms	CB with SOR 15 ms CB with UVR ≤25 ms
Power Loss:	N/A	at Rated Operating Conditions per Pole 41 W	at Rated Operating Conditions per Pole 41 W
Rated Current (I _n):	Main Circuit 500 A	Main Circuit 630 A	Main Circuit 630 A
Rated Impulse Withstand Voltage (U _{imp}):	6 kV	6 kV	6 kV
Rated Insulation Voltage (U _i):	690 V	690 V	690 V
Rated Operational Voltage:	550 V AC	550 V AC	550 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(480 V AC) 12.5 kA (500 V AC) 10 kA	(480 V AC) 12.5 kA (500 V AC) 10 kA	(480 V AC) 12.5 kA (500 V AC) 10 kA
	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA
	630 A	630 A	630 A
Release:	ELT I	ELT LI	ELT LI
Release Type:	EL	EL	EL
Short-Circuit Performance Level:	N	N	N
Standards:	IEC	IEC	IEC
Sub-type:	A3	A3	A3
Terminal Connection Type:	Front	Front	Front



**A3N 630 MF 400-4800
3p F F-DVP**



**A3N 630 MF
400-4800 3p F F**

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm
Product Net Weight:	4.75 kg	4.75 kg
Product Net Width:	139.5 mm	139.5 mm

Container Information

Package Level 1 Depth / Length:	N/A	244 mm
Package Level 1 EAN:	N/A	
Package Level 1 Gross Weight:	4.85 kg	4.85 kg
Package Level 1 Height:	N/A	228 mm
Package Level 1 Units:	N/A	1 piece
Package Level 1 Width:	N/A	286 mm

Additional Information

Product Main Type:	SACE FORMULA DSA	SACE FORMULA DSA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	N/A	F

Technical

Electrical Durability:	N/A	2000 cycle
Mechanical Durability:	N/A	5000 cycle
Number of Poles:	3	3
Rated Current (I_n):	400 A	Main Circuit 400 A
Rated Impulse Withstand Voltage (U_{imp}):	N/A	6 kV
Rated Insulation Voltage (U_i):	N/A	690 V
Rated Operational Voltage:	N/A	550 V AC 250 V DC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	N/A	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA (480 V AC) 12.5 kA (500 V AC) 10 kA (250 V DC) 2 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	N/A	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA (250 V DC) 2 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	N/A	630 A
Release:	MF	MF
Release Type:	N/A	M
Remarks:	ATLAS - FORMULA DVP	N/A
Short-Circuit Performance Level:	N	N
Standards:	N/A	IEC
Sub-type:	A3	A3
Terminal Connection Type:	N/A	Front



A3N 630 TMF
500-5000 3p F F-DVP



A3N 630 TMF 500-5000
3p F F

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm
Product Net Weight:	4.75 kg	4.589 kg
Product Net Width:	139.5 mm	139.5 mm

Container Information

Package Level 1 Depth / Length:	N/A	244 mm
Package Level 1 EAN:	N/A	
Package Level 1 Gross Weight:	4.85 kg	4.85 kg
Package Level 1 Height:	N/A	228 mm
Package Level 1 Units:	N/A	1 piece
Package Level 1 Width:	N/A	286 mm

Additional Information

Product Main Type:	SACE FORMULA DSA	SACE FORMULA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	N/A	F

Technical

Electrical Durability:	N/A	2000 cycle
Mechanical Durability:	N/A	5000 cycle
Number of Poles:	3	3
Opening Time:	N/A	CB with SOR 15 ms CB with UVR ≤25 ms
Power Loss:	N/A	at Rated Operating Conditions per Pole 28.8 W
Rated Current (I _n):	500 A	Main Circuit 500 A
Rated Impulse Withstand Voltage (U _{imp}):	N/A	6 kV
Rated Insulation Voltage (U _i):	N/A	690 V
Rated Operational Voltage:	N/A	550 V AC 250 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	N/A	(240 V AC) 42.5 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 18 kA (480 V AC) 12.5 kA (500 V AC) 10 kA (250 V DC) 2 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	N/A	(240 V AC) 85 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (480 V AC) 25 kA (500 V AC) 20 kA

	(250 V DC) 2 Poles in Series 36 kA	
Rated Uninterrupted Current (I _u):	N/A	630 A
Release:	TMF	TMF
Release Type:	N/A	TM
Remarks:	ATLAS - FORMULA DVP	N/A
Short-Circuit Performance Level:	N	N
Standards:	N/A	IEC
Sub-type:	A3	A3
Terminal Connection Type:	N/A	Front



A3S 400 MF 250-3000 3p
F F-DVP



A3S 400 MF 250-3000 3p
F F

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm
Product Net Weight:	4.75 kg	4.75 kg
Product Net Width:	139.5 mm	139.5 mm

Container Information

Package Level 1 Depth / Length:	N/A	244 mm
Package Level 1 EAN:	N/A	
Package Level 1 Gross Weight:	4.85 kg	4.85 kg
Package Level 1 Height:	N/A	228 mm
Package Level 1 Units:	N/A	1 piece
Package Level 1 Width:	N/A	286 mm

Additional Information

Product Main Type:	SACE FORMULA DSA	SACE FORMULA DSA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	N/A	F



Technical

Electrical Durability:	N/A	2000 cycle
Mechanical Durability:	N/A	5000 cycle
Number of Poles:	3	3
Rated Current (I_n):	250 A	Main Circuit 250 A
Rated Impulse Withstand Voltage (U_{imp}):	N/A	6 kV
Rated Insulation Voltage (U_i):	N/A	690 V
Rated Operational Voltage:	N/A	550 V AC 250 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	N/A	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA (250 V DC) 2 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	N/A	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA
Rated Uninterrupted Current (I_u):	N/A	400 A
Release:	MF	MF
Release Type:	N/A	M
Remarks:	ATLAS - FORMULA DVP	N/A
Short-Circuit Performance Level:	S	S
Standards:	N/A	IEC
Sub-type:	A3	A3
Terminal Connection Type:	N/A	Front



A3S 400 TMF
300-3000 3p
F F 50°C



A3S 400 TMF
320-3200 3p F
F



A3S 400 TMF
320-3200 4p
F F-DVP



A3S 400 TMF
320-3200 3p F
F-DVP

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm	205 mm	205 mm
Product Net Weight:	4.75 kg	4.547 kg	6.4 kg	4.75 kg
Product Net Width:	139.5 mm	139.5 mm	186 mm	139.5 mm

Container Information

Package Level 1 Depth / Length:	244 mm	244 mm	N/A	N/A
Package Level 1 EAN:				
Package Level 1 Gross Weight:	4.85 kg	4.85 kg	6.5 kg	4.85 kg
Package Level 1 Height:	228 mm	228 mm	N/A	N/A
Package Level 1 Units:	1 piece	1 piece	N/A	N/A
Package Level 1 Width:	286 mm	286 mm	N/A	N/A

Additional Information

Product Main Type:	SACE FORMULA	SACE FORMULA	SACE FORMULA DSA	SACE FORMULA DSA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	N/A	N/A

Technical

Electrical Durability:	2000 cycle	2000 cycle	N/A	N/A
Mechanical Durability:	5000 cycle	5000 cycle	N/A	N/A
Number of Poles:	3	3	4	3
Opening Time:	N/A	CB with SOR 15 ms CB with UVR ≤25 ms	N/A	N/A
Power Loss:	N/A	at Rated Operating Conditions per Pole 13.6 W	N/A	N/A
Rated Current (I _n):	Main Circuit 300 A	Main Circuit 320 A	320 A	320 A
Rated Impulse Withstand Voltage (U _{imp}):	6 kV	6 kV	N/A	N/A
Rated Insulation Voltage (U _i):	690 V	690 V	N/A	N/A
Rated Operational Voltage:	550 V AC 250 V DC	550 V AC 250 V DC	N/A	N/A

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA (250 V DC) 2 Poles in Series 25 kA	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA (250 V DC) 2 Poles in Series 25 kA	N/A	N/A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA	N/A	N/A
Rated Uninterrupted Current (I_u):	400 A	400 A	N/A	N/A
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	N/A	N/A
Remarks:	N/A	N/A	ATLAS - FORMULA DVP	ATLAS - FORMULA DVP
Short-Circuit Performance Level:	S	S	S	S
Standards:	IEC	IEC	N/A	N/A
Sub-type:	A3	A3	A3	A3
Terminal Connection Type:	Front	Front	N/A	N/A



A3S 400 TMF
400-4000 3p F F



A3S 400 TMF
400-4000 3p F F
50°C



A3S 400 TMF
400-4000 4p F F-
DVP

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm	205 mm
Product Net Weight:	4.575 kg	4.75 kg	6.4 kg
Product Net Width:	139.5 mm	139.5 mm	186 mm

Container Information

Package Level 1 Depth / Length:	244 mm	244 mm	N/A
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Package Level 1 Gross Weight:	4.85 kg	4.85 kg	6.5 kg
Package Level 1 Height:	228 mm	228 mm	N/A
Package Level 1 Units:	1 piece	1 piece	N/A
Package Level 1 Width:	286 mm	286 mm	N/A

Additional Information

Product Main Type:	SACE FORMULA	SACE FORMULA	SACE FORMULA DSA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	N/A

Technical

Electrical Durability:	2000 cycle	2000 cycle	N/A
Mechanical Durability:	5000 cycle	5000 cycle	N/A
Number of Poles:	3	3	4
Opening Time:	CB with SOR 15 ms CB with UVR ≤25 ms	N/A	N/A
Power Loss:	at Rated Operating Conditions per Pole 19.5 W	N/A	N/A
Rated Current (I _n):	Main Circuit 400 A	Main Circuit 400 A	400 A
Rated Impulse Withstand Voltage (U _{imp}):	6 kV	6 kV	N/A
Rated Insulation Voltage (U _i):	690 V	690 V	N/A
Rated Operational Voltage:	550 V AC 250 V DC	550 V AC 250 V DC	N/A
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA (250 V DC) 2 Poles in Series 25 kA	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA (250 V DC) 2 Poles in Series 25 kA	N/A
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA	N/A

Rated Uninterrupted Current (I _U):	400 A	400 A	N/A
Release:	TMF	TMF	TMF
Release Type:	TM	TM	N/A
Remarks:	N/A	N/A	ATLAS - FORMULA DVP
Short-Circuit Performance Level:	S	S	S
Standards:	IEC	IEC	N/A
Sub-type:	A3	A3	A3
Terminal Connection Type:	Front	Front	N/A



A3S 630 ELT-I
In=500 3p F F



A3S 630 ELT-LI
In=630 4p F F



A3S 630 ELT-LI
In=630 3p F F

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm	205 mm
Product Net Weight:	4.75 kg	6.4 kg	4.84 kg
Product Net Width:	139.5 mm	186 mm	139.5 mm

Container Information

Package Level 1 Depth / Length:	244 mm	244 mm	244 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	4.85 kg	6.5 kg	4.85 kg
Package Level 1 Height:	228 mm	228 mm	228 mm
Package Level 1 Units:	1 piece	1 piece	1 piece
Package Level 1 Width:	286 mm	286 mm	286 mm



Additional Information

Product Main Type:	SACE FORMULA DSA	SACE FORMULA	SACE FORMULA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F



Technical

Electrical Durability:	2000 cycle	2000 cycle	2000 cycle
Mechanical Durability:	5000 cycle	5000 cycle	5000 cycle
Number of Poles:	3	4	3
Opening Time:	N/A	CB with SOR 15 ms CB with UVR ≤25 ms	CB with SOR 15 ms CB with UVR ≤25 ms
Power Loss:	N/A	at Rated Operating Conditions per Pole 41 W	at Rated Operating Conditions per Pole 41 W
Rated Current (I _n):	Main Circuit 500 A	Main Circuit 630 A	Main Circuit 630 A
Rated Impulse Withstand Voltage (U _{imp}):	6 kV	6 kV	6 kV
Rated Insulation Voltage (U _i):	690 V	690 V	690 V
Rated Operational Voltage:	550 V AC	550 V AC	550 V AC

Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA
Rated Uninterrupted Current (I _u):	630 A	630 A	630 A
Release:	ELT I	ELT LI	ELT LI
Release Type:	EL	EL	EL

Short-Circuit Performance Level:	S	S	S
Standards:	IEC	IEC	IEC
Sub-type:	A3	A3	A3
Terminal Connection Type:	Front	Front	Front



A3S 630 MF 400-4800 3p
F F-DVP



A3S 630 MF
400-4800 3p F F

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm
Product Net Weight:	4.75 kg	4.75 kg
Product Net Width:	139.5 mm	139.5 mm

Container Information

Package Level 1 Depth / Length:	N/A	244 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	4.85 kg	4.85 kg
Package Level 1 Height:	N/A	228 mm
Package Level 1 Units:	N/A	1 piece
Package Level 1 Width:	N/A	286 mm

Additional Information

Product Main Type:	SACE FORMULA DSA	SACE FORMULA DSA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	N/A	F



Technical

Electrical Durability:	N/A	2000 cycle
Mechanical Durability:	N/A	5000 cycle
Number of Poles:	3	3
Rated Current (I _n):	400 A	Main Circuit 400 A
Rated Impulse Withstand Voltage (U _{imp}):	N/A	6 kV
Rated Insulation Voltage (U _i):	N/A	690 V
Rated Operational Voltage:	N/A	550 V AC 250 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	N/A	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA (250 V DC) 2 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	N/A	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA
Rated Uninterrupted Current (I _u):	N/A	630 A
Release:	MF	MF
Release Type:	N/A	M
Remarks:	ATLAS - FORMULA DVP	N/A
Short-Circuit Performance Level:	S	S
Standards:	N/A	IEC
Sub-type:	A3	A3
Terminal Connection Type:	N/A	Front



A3S 630 TMF
500-5000 3p F F



A3S 630 TMF 500-5000
4p F F-DVP

Dimensions

Product Net Depth / Length:	103.5 mm	103.5 mm
Product Net Height:	205 mm	205 mm
Product Net Weight:	4.75 kg	6.4 kg
Product Net Width:	139.5 mm	186 mm

Container Information

Package Level 1 Depth / Length:	244 mm	N/A
Package Level 1 EAN:		
Package Level 1 Gross Weight:	4.85 kg	6.5 kg
Package Level 1 Height:	228 mm	N/A
Package Level 1 Units:	1 piece	N/A
Package Level 1 Width:	286 mm	N/A

Additional Information

Product Main Type:	SACE FORMULA	SACE FORMULA DSA
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	N/A

Technical

Electrical Durability:	2000 cycle	N/A
Mechanical Durability:	5000 cycle	N/A
Number of Poles:	3	4
Opening Time:	CB with SOR 15 ms CB with UVR ≤ 25 ms	N/A
Power Loss:	at Rated Operating Conditions per Pole 28.8 W	N/A
Rated Current (I_n):	Main Circuit 500 A	500 A
Rated Impulse Withstand Voltage (U_{imp}):	6 kV	N/A

Rated Insulation Voltage (U_i):	690 V	N/A
Rated Operational Voltage:	550 V AC 250 V DC	N/A
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(240 V AC) 50 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (480 V AC) 17.5 kA (500 V AC) 12.5 kA (250 V DC) 2 Poles in Series 25 kA	N/A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(240 V AC) 100 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (480 V AC) 35 kA (500 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA	N/A
Rated Uninterrupted Current (I_u):	630 A	N/A
Release:	TMF	TMF
Release Type:	TM	N/A
Remarks:	N/A	ATLAS - FORMULA DVP
Short-Circuit Performance Level:	S	S
Standards:	IEC	N/A
Sub-type:	A3	A3
Terminal Connection Type:	Front	N/A

