

Автоматические выключатели AIR Formula S3D, S3H, S3L, S3N, S3X

Технические характеристики

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Order codes

SACE Isomax S3D switch-disconnectors

F = FIXED



P513907

S3D 100 $I_n (40\text{ }^{\circ}\text{C}) = 100\text{ A}$ $I_{cw} (1\text{s}) = 6.5\text{ kA}$ $I_{cm} (415\text{ V}) = 10\text{ kA}$

Switch-disconnector	code 1SDA0 R1	
	3 poles	4 poles
F = Front terminals		
S3D 100 F F	20906	20907
EF = Extended front terminals		
S3D 100 F EF	20329	20354
FC Cu = Front terminals for copper cables		
S3D 100 F FC Cu	20335	20360
FC CuAl = Front terminals for copper/aluminium cables		
S3D 100 F FC CuAl	20341	20366
R = Threaded rear terminals		
S3D 100 F R	20353	20378
RC = Rear terminals for cables		
S3D 100 F RC	20347	20372

S3D 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cw} (1\text{s}) = 6.5\text{ kA}$ $I_{cm} (415\text{ V}) = 10\text{ kA}$

Switch-disconnector	code 1SDA0 R1	
	3 poles	4 poles
F = Front terminals		
S3D 160 F F	20908	20909
EF = Extended front terminals		
S3D 160 F EF	20383	20408
FC Cu = Front terminals for copper cables		
S3D 160 F FC Cu	20389	20414
FC CuAl = Front terminals for copper/aluminium cables		
S3D 160 F FC CuAl	20395	20420
R = Threaded rear terminals		
S3D 160 F R	20407	20432
RC = Rear terminals for cables		
S3D 160 F RC	20401	20426

P = PLUG-IN



P513907

S3D 100 $I_n (40\text{ }^{\circ}\text{C}) = 100\text{ A}$ $I_{cw} (1\text{s}) = 6.5\text{ kA}$ $I_{cm} (415\text{ V}) = 10\text{ kA}$

Switch-disconnector	code 1SDA0 R1	
	3 poles	4 poles
S3D 100 P MP	20379	20381

S3D 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cw} (1\text{s}) = 6.5\text{ kA}$ $I_{cm} (415\text{ V}) = 10\text{ kA}$

Switch-disconnector	code 1SDA0 R1	
	3 poles	4 poles
S3D 160 P MP	20433	20435

W = WITHDRAWABLE



P513907

S3D 100 $I_n (40\text{ }^{\circ}\text{C}) = 100\text{ A}$ $I_{cw} (1\text{s}) = 6.5\text{ kA}$ $I_{cm} (415\text{ V}) = 10\text{ kA}$

Switch-disconnector	code 1SDA0 R1	
	3 poles	4 poles
S3D 100 W MP	20380	20382

S3D 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cw} (1\text{s}) = 6.5\text{ kA}$ $I_{cm} (415\text{ V}) = 10\text{ kA}$

Switch-disconnector	code 1SDA0 R1	
	3 poles	4 poles
S3D 160 W MP	20434	20436

SACE Isomax S3D switch-disconnectors

09150607

I_{cm} (415 V) = 10 kA

R1

20480

$I_{cm}(415\text{ V}) = 10\text{ kA}$

.....R1

20534

2096SIS

$I_{cm}(415\text{ V}) = 10\text{ kA}$

.....R1

20489

$$I_{cm}(415\text{ V}) = 10\text{ kA}$$

.....R1

20543

2096515

$I_{cm}(415\text{ V}) = 10\text{ kA}$

R1

20490

$I_{cm}(415\text{ V}) = 10\text{ kA}$

..... R1

20544

Order codes

SACE Isomax S3 circuit-breaker

F = FIXED



PS92607

S3H 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Thermomagnetic release		 I _m = 3 I _{th}	code 1SDA0 R1	
			3 poles	4 poles
<i>F = Front terminals</i>				
S3H 160 F F	R 100	300A	48542	48552
S3H 160 F F	R 125	375A	48543	48553
S3H 160 F F	R 160	480A	48544	48554
S3H 160 F F (N50%)	R 160	480A		48560

Thermomagnetic release			code 1SDA0 R1			code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
<i>F = Front terminals</i>							
S3H 160 F F	R 32	250A	13407	13431	500A	13395	13419
S3H 160 F F	R 50	250A	13409	13433	500A	13397	13421
S3H 160 F F	R 80	400A	13411	13435	800A	13399	13423
S3H 160 F F	R 100	500A	13413	13437	1000A	13401	13425
S3H 160 F F	R 125	625A	13415	13439	1250A	13403	13427
S3H 160 F F	R 160	800A	13417	13441	1600A	13405	13429

EF = Extended front terminals							
S3H 160 F EF	R 32	250A	02089	02689	500A	02077	02677
S3H 160 F EF	R 50	250A	02091	02691	500A	02079	02679
S3H 160 F EF	R 80	400A	02093	02693	800A	02081	02681
S3H 160 F EF	R 100	500A	02095	02695	1000A	02083	02683
S3H 160 F EF	R 125	625A	02097	02697	1250A	02085	02685
S3H 160 F EF	R 160	800A	02099	02699	1600A	02087	02687

FC Cu = Front terminals for copper cables							
S3H 160 F FC Cu	R 32	250A	02239	14268	500A	02227	14256
S3H 160 F FC Cu	R 50	250A	02241	14270	500A	02229	14258
S3H 160 F FC Cu	R 80	400A	02243	14272	800A	02231	14260
S3H 160 F FC Cu	R 100	500A	02245	14274	1000A	02233	14262
S3H 160 F FC Cu	R 125	625A	02247	14276	1250A	02235	14264
S3H 160 F FC Cu	R 160	800A	02249	14278	1600A	02237	14266

FC CuAl = Front terminals for copper/aluminium cables							
S3H 160 F FC CuAl	R 32	250A	02364	14343	500A	02352	14331
S3H 160 F FC CuAl	R 50	250A	02366	14345	500A	02354	14333
S3H 160 F FC CuAl	R 80	400A	02368	14347	800A	02356	14335
S3H 160 F FC CuAl	R 100	500A	02370	14349	1000A	02358	14337
S3H 160 F FC CuAl	R 125	625A	02372	14351	1250A	02360	14339
S3H 160 F FC CuAl	R 160	800A	02374	14353	1600A	02362	14341

R = Threaded rear terminals							
S3H 160 F R	R 32	250A	02664	03139	500A	02652	03127
S3H 160 F R	R 50	250A	02666	03141	500A	02654	03129
S3H 160 F R	R 80	400A	02668	03143	800A	02656	03131
S3H 160 F R	R 100	500A	02670	03145	1000A	02658	03133
S3H 160 F R	R 125	625A	02672	03147	1250A	02660	03135
S3H 160 F R	R 160	800A	02674	03149	1600A	02662	03137

RC = Rear terminals for cables							
S3H 160 F RC	R 32	250A	02514	02989	500A	02502	02977
S3H 160 F RC	R 50	250A	02516	02991	500A	02504	02979
S3H 160 F RC	R 80	400A	02518	02993	800A	02506	02981
S3H 160 F RC	R 100	500A	02520	02995	1000A	02508	02983
S3H 160 F RC	R 125	625A	02522	02997	1250A	02510	02985
S3H 160 F RC	R 160	800A	02524	02999	1600A	02512	02987

R Res. Cur = Threaded rear terminals + kit of threaded rear terminals for residual-current release installed below the circuit-breaker							
S3H 160 F R Res. Cur	R 32	250A		25483	500A		25471
S3H 160 F R Res. Cur	R 50	250A		25485	500A		25473
S3H 160 F R Res. Cur	R 80	400A		25487	800A		25475
S3H 160 F R Res. Cur	R 100	500A		25489	1000A		25477
S3H 160 F R Res. Cur	R 125	625A		25491	1250A		25479
S3H 160 F R Res. Cur	R 160	800A		25493	1600A		25481

Order codes

SACE Isomax S3 circuit-breaker

F = FIXED



S3H 250 $I_n (40^\circ\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Thermomagnetic release		$I_m = 3\text{ lth}$	code 1SDA0 R1	
			3 poles	4 poles
F = Front terminals				
S3H 250 F F	R 200	600A	48547	48557
S3H 250 F F	R 250	750A	48548	48558
S3H 250 F F (N50%)	R 200	600A		48563
S3H 250 F F (N50%)	R 250	750A		48564

Thermomagnetic release		$I_m = 5\text{ lth}$	code 1SDA0 R1		$I_m = 10\text{ lth}$	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
F = Front terminals							
S3H 250 F F	R 200	1000A	13511	13519	2000A	13507	13515
S3H 250 F F	R 250	1250A	13513	13521	2500A	13509	13517
EF = Extended front terminals							
S3H 250 F EF	R 200	1000A	04957	05182	2000A	04953	05178
S3H 250 F EF	R 250	1250A	04959	05184	2500A	04955	05180
FC Cu = Front terminals for copper cables							
S3H 250 F FC Cu	R 200	1000A	05011	05236	2000A	05007	05232
S3H 250 F FC Cu	R 250	1250A	05013	05238	2500A	05009	05234
FC CuAl = Front terminals for copper/aluminium cables							
S3H 250 F FC CuAl	R 200	1000A	05065	05290	2000A	05061	05286
S3H 250 F FC CuAl	R 250	1250A	05067	05292	2500A	05063	05288
R = Threaded rear terminals							
S3H 250 F R	R 200	1000A	05173	05398	2000A	05169	05394
S3H 250 F R	R 250	1250A	05175	05400	2500A	05171	05396
RC = Rear terminals for cables							
S3H 250 F RC	R 200	1000A	05119	05344	2000A	05115	05340
S3H 250 F RC	R 250	1250A	05121	05346	2500A	05117	05342
R Res. Cur = Threaded rear terminals + kit of threaded rear terminals for residual-current release installed below the circuit-breaker							
S3H 250 F R Res. Cur	R 200	1000A		25531	2000A		25527
S3H 250 F R Res. Cur	R 250	1250A		25533	2500A		25529

Magnetic release		$I_m = 10\text{ lth}$	code 1SDA0 R1	
			3 poles	4 poles
F = Front terminals				
S3H 250 F F	In 200A	2000A	27564	27652
S3H 250 F F	In 250A	2500A	27566	27654
EF = Extended front terminals				
S3H 250 F EF	In 200A	2000A	31948	32537
S3H 250 F EF	In 250A	2500A	31950	32539
FC Cu = Front terminals for copper cables				
S3H 250 F FC Cu	In 200A	2000A	31996	32585
S3H 250 F FC Cu	In 250A	2500A	31998	32587
FC CuAl = Front terminals for copper/aluminium cables				
S3H 250 F FC CuAl	In 200A	2000A	32044	32633
S3H 250 F FC CuAl	In 250A	2500A	32046	32635
R = Threaded rear terminals				
S3H 250 F R	In 200A	2000A	32097	32729
S3H 250 F R	In 250A	2500A	32099	32732
RC = Rear terminals for cables				
S3H 250 F RC	In 200A	2000A	32089	32681
S3H 250 F RC	In 250A	2500A	32091	32683

Order codes

SACE Isomax S3 circuit-breaker for motor protection

F = FIXED



S3N 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3N 160 F F	R 3	12 ... 36A	47782
S3N 160 F F	R 5	20 ... 60A	47783
S3N 160 F F	R 10	40 ... 120A	47784
S3N 160 F F	R 25	100 ... 300A	47785
S3N 160 F F	R 50	200 ... 600A	47786
S3N 160 F F	R 100	400 ... 1200A	47787
S3N 160 F F	R 125	500 ... 1500A	47788
S3N 160 F F	R 160	640 ... 1600A	47789

S3H 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3H 160 F F	R 50	200 ... 600A	45185
S3H 160 F F	R 100	400 ... 1200A	45186
S3H 160 F F	R 125	500 ... 1500A	45187
S3H 160 F F	R 160	640 ... 1600A	45188

S3L 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 85\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3L 160 F F	R 50	200 ... 600A	50544
S3L 160 F F	R 100	400 ... 1200A	50545
S3L 160 F F	R 125	500 ... 1500A	50546
S3L 160 F F	R 160	640 ... 1600A	50547

S3N 250 $I_n (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3N 250 F F	R 160	640 ... 1920A	48651
S3N 250 F F	R 200	800 ... 2400A	48654

S3H 250 $I_n (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3H 250 F F	R 160	640 ... 1920A	48657
S3H 250 F F	R 200	800 ... 2400A	48658

S3L 250 $I_n (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 85\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3L 250 F F	R 160	200 ... 600A	50548
S3L 250 F F	R 200	400 ... 1200A	50549

Note

Plug-in and withdrawable version are taken from the corresponding fixed version by means of the conversion kits indicated on page 90.

Order codes

SACE Isomax S circuit-breakers for applications up to 1000V

F = FIXED



S3L 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (1000\text{ V}) = 6\text{ kA}$

Thermomagnetic release		AC ~	code 1SDA0 R1
F = Front terminals			3 poles
S3L 160 F F	R 32	Im 500A	50436
S3L 160 F F	R 50	Im 500A	50437
S3L 160 F F	R 80	Im 800A	50438
S3L 160 F F	R 100	Im 1000A	50439
S3L 160 F F	R 125	Im 1250A	50441
S3L 160 F F	R 160	Im 1600A	50442

S3L 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (1000\text{ V}) = 40\text{ kA}$

Thermomagnetic release		DC -	code 1SDA0 R1
F = Front terminals			4 poles
S3L 160 F F (N100%)	R 32	Im 500A	50443
S3L 160 F F (N100%)	R 50	Im 500A	50444
S3L 160 F F (N100%)	R 80	Im 800A	50445
S3L 160 F F (N100%)	R 100	Im 1000A	50446
S3L 160 F F (N100%)	R 125	Im 1250A	50447
S3L 160 F F (N100%)	R 160	Im 1600A	50448

S3L 250 $I_n (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (1000\text{ V}) = 40\text{ kA}$

Thermomagnetic release		DC -	code 1SDA0 R1
F = Front terminals			4 poles
S3L 250 F F (N100%)	R 200	Im 2000A	50436
S3L 250 F F (N100%)	R 250	Im 2500A	50437



Order codes

SACE Isomax S3 circuit-breaker

F = FIXED



PSIS9607

S3L 160 $I_n (40^\circ\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 85\text{ kA}$

Thermomagnetic release		Im=5 lth	code 1SDA0 R1		Im=10 lth	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
F = Front terminals							
S3L 160 F F	R 32	250A	13455	13479	500A	13443	13467
S3L 160 F F	R 50	250A	13457	13481	500A	13445	13469
S3L 160 F F	R 80	400A	13459	13483	800A	13447	13471
S3L 160 F F	R 100	500A	13461	13485	1000A	13449	13473
S3L 160 F F	R 125	625A	13463	13487	1250A	13451	13475
S3L 160 F F	R 160	800A	13465	13489	1600A	13453	13477
EF = Extended front terminals							
S3L 160 F EF	R 32	250A	03264	03864	500A	03252	03852
S3L 160 F EF	R 50	250A	03266	03866	500A	03254	03854
S3L 160 F EF	R 80	400A	14486	14511	800A	03256	03856
S3L 160 F EF	R 100	500A	03269	03869	1000A	03258	03858
S3L 160 F EF	R 125	625A	03271	03871	1250A	03260	03860
S3L 160 F EF	R 160	800A	03273	03873	1600A	03262	03862
FC Cu = Front terminals for copper cables							
S3L 160 F FC Cu	R 32	250A	03408	04008	500A	03396	03996
S3L 160 F FC Cu	R 50	250A	03410	04010	500A	03398	03998
S3L 160 F FC Cu	R 80	400A	14492	14517	800A	03400	04000
S3L 160 F FC Cu	R 100	500A	03413	04013	1000A	03402	04002
S3L 160 F FC Cu	R 125	625A	03415	04015	1250A	03404	04004
S3L 160 F FC Cu	R 160	800A	03417	04017	1600A	03406	04006
FC CuAl = Front terminals for copper/aluminium cables							
S3L 160 F FC CuAl	R 32	250A	03552	04152	500A	03540	04140
S3L 160 F FC CuAl	R 50	250A	03554	04154	500A	03542	04142
S3L 160 F FC CuAl	R 80	400A	14498	14523	800A	03544	04144
S3L 160 F FC CuAl	R 100	500A	03557	04157	1000A	03546	04146
S3L 160 F FC CuAl	R 125	625A	03559	04159	1250A	03548	04148
S3L 160 F FC CuAl	R 160	800A	03561	04161	1600A	03550	04150
R = Threaded rear terminals							
S3L 160 F R	R 32	250A	03840	04440	500A	03828	04428
S3L 160 F R	R 50	250A	03842	04442	500A	03830	04430
S3L 160 F R	R 80	400A	14510	14535	800A	03832	04432
S3L 160 F R	R 100	500A	03845	04445	1000A	03834	04434
S3L 160 F R	R 125	625A	03847	04447	1250A	03836	04436
S3L 160 F R	R 160	800A	03849	04449	1600A	03838	04438
RC = Rear terminals for cables							
S3L 160 F RC	R 32	250A	03696	04296	500A	03684	04284
S3L 160 F RC	R 50	250A	03698	04298	500A	03686	04286
S3L 160 F RC	R 80	400A	14504	14529	800A	03688	04288
S3L 160 F RC	R 100	500A	03701	04301	1000A	03690	04290
S3L 160 F RC	R 125	625A	03703	04303	1250A	03692	04292
S3L 160 F RC	R 160	800A	03705	04305	1600A	03694	04294
R Res. Cur = Threaded rear terminals + kit of threaded rear terminals for residual-current release installed below the circuit-breaker							
S3L 160 F R Res. Cur	R 32	250A		25507	500A		25495
S3L 160 F R Res. Cur	R 50	250A		25509	500A		25497
S3L 160 F R Res. Cur	R 80	400A		25511	800A		25499
S3L 160 F R Res. Cur	R 100	500A		25513	1000A		25501
S3L 160 F R Res. Cur	R 125	625A		25515	1250A		25503
S3L 160 F R Res. Cur	R 160	800A		25517	1600A		25505

Order codes

SACE Isomax S3 circuit-breaker

F = FIXED



Magnetic release		Im = 5 lth	code 1SDA0 R1		Im = 10 lth	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
F = Front terminals							
S3L 160 F F	In 50A	250A	25865	25937	500A	25853	25925
S3L 160 F F	In 80A	400A	25867	25939	800A	25855	25927
S3L 160 F F	In 100A				1000A	25857	25929
S3L 160 F F	In 125A	625A	25871	25943	1250A	25859	25931
S3L 160 F F	In 160A				1600A	25861	25933
EF = Extended front terminals							
S3L 160 F EF	In 50A	250A	29130	30906	500A	29118	30894
S3L 160 F EF	In 80A	400A	29132	30908	800A	29120	30896
S3L 160 F EF	In 100A				1000A	29122	30898
S3L 160 F EF	In 125A	625A	29136	30912	1250A	29124	30900
S3L 160 F EF	In 160A				1600A	29126	30902
FC Cu = Front terminals for copper cables							
S3L 160 F FC Cu	In 50A	250A	29274	31050	500A	29262	31038
S3L 160 F FC Cu	In 80A	400A	29276	31052	800A	29264	31040
S3L 160 F FC Cu	In 100A				1000A	29266	31042
S3L 160 F FC Cu	In 125A	625A	29280	31056	1250A	29268	31044
S3L 160 F FC Cu	In 160A				1600A	29270	31046
FC CuAl = Front terminals for copper/aluminium cables							
S3L 160 F FC CuAl	In 50A	250A	29418	31170	500A	29406	31158
S3L 160 F FC CuAl	In 80A	400A	29420	31172	800A	29408	31160
S3L 160 F FC CuAl	In 100A				1000A	29410	31162
S3L 160 F FC CuAl	In 125A	625A	29424	31176	1250A	29412	31164
S3L 160 F FC CuAl	In 160A				1600A	29414	31166
R = Threaded rear terminals							
S3L 160 F R	In 50A	250A	44388	31458	500A	44376	31446
S3L 160 F R	In 80A	400A	44390	31460	800A	44378	31448
S3L 160 F R	In 100A				1000A	44380	31450
S3L 160 F R	In 125A	625A	44394	31464	1250A	44382	31452
S3L 160 F R	In 160A				1600A	44384	31454
RC = Rear terminals for cables							
S3L 160 F RC	In 50A	250A	29562	31314	500A	29550	31302
S3L 160 F RC	In 80A	400A	29564	31316	800A	29552	31304
S3L 160 F RC	In 100A				1000A	29554	31306
S3L 160 F RC	In 125A	625A	29568	31320	1250A	29556	31308
S3L 160 F RC	In 160A				1600A	29558	31310

Order codes

SACE Isomax S3 circuit-breaker

P = PLUG-IN



Moving part

S3L 160 $I_{lu} (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 85\text{ kA}$

Thermomagnetic release			code 1SDA0 R1			code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
S3L 160 P MP	R 32	250A	04464	04512	500A	04452	04500
S3L 160 P MP	R 50	250A	04466	04514	500A	04454	04502
S3L 160 P MP	R 80	400A	14536	14538	800A	04456	04504
S3L 160 P MP	R 100	500A	04469	04517	1000A	04458	04506
S3L 160 P MP	R 125	625A	04471	04519	1250A	04460	04508
S3L 160 P MP	R 160	800A	04473	04521	1600A	04462	04510

Magnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
					3 poles	4 poles			3 poles	4 poles
S3L 160 P MP	In 50A	250A	31674	31722	500A	31662	31710			
S3L 160 P MP	In 80A	400A	31676	31724	800A	31664	31712			
S3L 160 P MP	In 100A				1000A	31666	31714			
S3L 160 P MP	In 125A	625A	31680	31728	1250A	31668	31716			
S3L 160 P MP	In 160A				1600A	31670	31718			

Order codes

SACE Isomax S3 circuit-breaker

W = WITHDRAWABLE



Moving part

S3L 160 $I_u (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 85\text{ kA}$

Thermomagnetic release			Im = 5 lth		code 1SDA0.....R1		Im = 10 lth		code 1SDA0.....R1	
					3 poles	4 poles			3 poles	4 poles
S3L 160 W MP	R 32	250A			04488	04536			04476	04524
S3L 160 W MP	R 50	250A			04490	04538			04478	04526
S3L 160 W MP	R 80	400A			14537	14539			04480	04528
S3L 160 W MP	R 100	500A			04493	04541			04482	04530
S3L 160 W MP	R 125	625A			04495	04543			04484	04532
S3L 160 W MP	R 160	800A			04497	04545			04486	04534

Magnetic release			Im = 5 lth		code 1SDA0.....R1		Im = 10 lth		code 1SDA0.....R1	
					3 poles	4 poles			3 poles	4 poles
S3L 160 W MP	In 50A	250A			31698	31746			31686	31734
S3L 160 W MP	In 80A	400A			31700	31748			31688	31736
S3L 160 W MP	In 100A								31690	31738
S3L 160 W MP	In 125A	625A			31704	31752			31692	31740
S3L 160 W MP	In 160A								31694	31742

Order codes

SACE Isomax S3 circuit-breaker

P = PLUG-IN



Moving part

S3N 250 $I_u (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release		$I_m = 5\text{ lth}$	code 1SDA0 R1		$I_m = 10\text{ lth}$	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
S3N 250 P MP	R 200	1000A	04921	04939	2000A	04917	04935
S3N 250 P MP	R 250	1250A	04923	04941	2500A	04919	04937

Magnetic release		I_n	code 1SDA0 R1	
			3 poles	4 poles
S3N 250 P MP	In 200A		2000A 32929	32945
S3N 250 P MP	In 250A		2500A 32931	32947

Order codes

SACE Isomax S3 circuit-breaker

W = WITHDRAWABLE



Moving part

S3N 250 $I_u (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release		Im = 5 lth	code 1SDA0 R1		Im = 10 lth	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
S3N 250 W MP	R 200	1000A	04930	04948	2000A	04926	04944
S3N 250 W MP	R 250	1250A	04932	04950	2500A	04928	04946

Magnetic release					Im = 10 lth	code 1SDA0 R1	
						3 poles	4 poles
S3N 250 W MP	In	200A			2000A	32937	32953
S3N 250 W MP	In	250A			2500A	32939	32955

Order codes

SACE Isomax S3 circuit-breaker for motor protection

F = FIXED



S3N 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
F = Front terminals			
S3N 160 F F	R 3	12 ... 36A	47782
S3N 160 F F	R 5	20 ... 60A	47783
S3N 160 F F	R 10	40 ... 120A	47784
S3N 160 F F	R 25	100 ... 300A	47785
S3N 160 F F	R 50	200 ... 600A	47786
S3N 160 F F	R 100	400 ... 1200A	47787
S3N 160 F F	R 125	500 ... 1500A	47788
S3N 160 F F	R 160	640 ... 1600A	47789

Note
Plug-in and withdrawable version are taken from the corresponding fixed version by means of the conversion kits indicated on page 90.

Order codes

SACE Isomax S2 circuit-breaker

F = FIXED



S3N 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release		Im=3 lth	code 1SDA0 R1	
			3 poles	4 poles
F = Front terminals				
S3N 160 F F	R 100	300A	48539	48549
S3N 160 F F	R 125	375A	48540	48550
S3N 160 F F	R 160	I480A	48541	48551
S3N 160 F F (N50%)	R 160	I480A		48559

Thermomagnetic release		Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
				3 poles	4 poles			3 poles	4 poles
F = Front terminals									
S3N 160 F F	R 32	250A	13359	13383		500A	13346	13371	
S3N 160 F F	R 50	250A	13361	13385		500A	13348	13373	
S3N 160 F F	R 80	400A	13363	13387		800A	13350	13375	
S3N 160 F F	R 100	500A	13365	13389		1000A	13352	13377	
S3N 160 F F	R 125	625A	13367	13391		1250A	13354	13379	
S3N 160 F F	R 160	800A	13369	13393		1600A	13356	13381	

EF = Extended front terminals									
S3N 160 F EF	R 32	250A	00764	01389		500A	00752	01377	
S3N 160 F EF	R 50	250A	00766	01391		500A	00754	01379	
S3N 160 F EF	R 80	400A	00768	01393		800A	00756	01381	
S3N 160 F EF	R 100	500A	00770	01395		1000A	00758	01383	
S3N 160 F EF	R 125	625A	00772	01397		1250A	00760	01385	
S3N 160 F EF	R 160	800A	00774	01399		1600A	00762	01387	

FC Cu = Front terminals for copper cables									
S3N 160 F FC Cu	R 32	250A	00914	01539		500A	00902	01527	
S3N 160 F FC Cu	R 50	250A	00916	01541		500A	00904	01529	
S3N 160 F FC Cu	R 80	400A	00918	01543		800A	00906	01531	
S3N 160 F FC Cu	R 100	500A	00920	01545		1000A	00908	01533	
S3N 160 F FC Cu	R 125	625A	00922	01547		1250A	00910	01535	
S3N 160 F FC Cu	R 160	800A	00924	01549		1600A	00912	01537	

FC CuAl = Front terminals for copper/aluminium cables									
S3N 160 F FC CuAl	R 32	250A	01064	01689		500A	01052	01677	
S3N 160 F FC CuAl	R 50	250A	01066	01691		500A	01054	01679	
S3N 160 F FC CuAl	R 80	400A	01068	01693		800A	01056	01681	
S3N 160 F FC CuAl	R 100	500A	01070	01695		1000A	01058	01683	
S3N 160 F FC CuAl	R 125	625A	01072	01697		1250A	01060	01685	
S3N 160 F FC CuAl	R 160	800A	01074	01699		1600A	01062	01687	

R = Threaded rear terminals									
S3N 160 F R	R 32	250A	01364	14243		500A	01352	14231	
S3N 160 F R	R 50	250A	01366	14245		500A	01354	14233	
S3N 160 F R	R 80	400A	01368	14247		800A	01356	14235	
S3N 160 F R	R 100	500A	01370	14249		1000A	01358	14237	
S3N 160 F R	R 125	625A	01372	14251		1250A	01360	14239	
S3N 160 F R	R 160	800A	01374	14253		1600A	01362	14241	

RC = Rear terminals for cables									
S3N 160 F RC	R 32	250A	01214	01839		500A	01202	01827	
S3N 160 F RC	R 50	250A	01216	01841		500A	01204	01829	
S3N 160 F RC	R 80	400A	01218	01843		800A	01206	01831	
S3N 160 F RC	R 100	500A	01220	01845		1000A	01208	01833	
S3N 160 F RC	R 125	625A	01222	01847		1250A	01210	01835	
S3N 160 F RC	R 160	800A	01224	01849		1600A	01212	01837	

R Res. Cur = Threaded rear terminals + kit of threaded rear terminals for residual-current release installed below the circuit-breaker									
S3N 160 F R Res. Cur	R 32	250A		25459		500A		25447	
S3N 160 F R Res. Cur	R 50	250A		25461		500A		25449	
S3N 160 F R Res. Cur	R 80	400A		25463		800A		25451	
S3N 160 F R Res. Cur	R 100	500A		25465		1000A		25453	
S3N 160 F R Res. Cur	R 125	625A		25467		1250A		25455	
S3N 160 F R Res. Cur	R 160	800A		25469		1600A		25457	

Order codes

SACE Isomax S2 circuit-breaker

F = FIXED



Magnetic release		Im = 5 lth	code 1SDA0 R1		Im = 10 lth	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
F = Front terminals							
S3N 160 F F	In 50A	250A	25817	25889	500A	25804	25877
S3N 160 F F	In 80A	400A	25819	25891	800A	25807	25879
S3N 160 F F	In 100A				1000A	25809	25881
S3N 160 F F	In 125A	625A	25823	25895	1250A	25811	25883
S3N 160 F F	In 160A				1600A	25813	25885
EF = Extended front terminals							
S3N 160 F EF	In 50A	250A	27930	29706	500A	27918	29694
S3N 160 F EF	In 80A	400A	27932	29708	800A	27920	29696
S3N 160 F EF	In 100A				1000A	27922	29698
S3N 160 F EF	In 125A	625A	27936	29712	1250A	27924	29700
S3N 160 F EF	In 160A				1600A	27926	29702
FC Cu = Front terminals for copper cables							
S3N 160 F FC Cu	In 50A	250A	28074	29850	500A	28062	29838
S3N 160 F FC Cu	In 80A	400A	28076	29852	800A	28064	29840
S3N 160 F FC Cu	In 100A				1000A	28066	29842
S3N 160 F FC Cu	In 125A	625A	28080	29856	1250A	28068	29844
S3N 160 F FC Cu	In 160A				1600A	28070	29846
FC CuAl = Front terminals for copper/aluminium cables							
S3N 160 F FC CuAl	In 50A	250A	28218	29994	500A	28206	29982
S3N 160 F FC CuAl	In 80A	400A	28220	29996	800A	28208	29984
S3N 160 F FC CuAl	In 100A				1000A	28210	29986
S3N 160 F FC CuAl	In 125A	625A	28224	30000	1250A	28212	29988
S3N 160 F FC CuAl	In 160A				1600A	28214	29990
R = Threaded rear terminals							
S3N 160 F R	In 50A	250A	28506	30282	500A	28494	30270
S3N 160 F R	In 80A	400A	28508	30284	800A	28496	30272
S3N 160 F R	In 100A				1000A	28498	30274
S3N 160 F R	In 125A	625A	28512	30288	1250A	28500	30276
S3N 160 F R	In 160A				1600A	28502	30278
RC = Rear terminals for cables							
S3N 160 F RC	In 50A	250A	28362	30138	500A	28350	30126
S3N 160 F RC	In 80A	400A	28364	30140	800A	28352	30128
S3N 160 F RC	In 100A				1000A	28354	30130
S3N 160 F RC	In 125A	625A	28368	30144	1250A	28356	30132
S3N 160 F RC	In 160A				1600A	28358	30134

Order codes

SACE Isomax S3 circuit-breaker

P = PLUG-IN



Moving part

S3N 160 $I_u (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
					3 poles	4 poles			3 poles	4 poles
S3N 160 P MP	R 32	250A			01989	02039			01977	02027
S3N 160 P MP	R 50	250A			01991	02041			01979	02029
S3N 160 P MP	R 80	400A			01993	02043			01981	02031
S3N 160 P MP	R 100	500A			01995	02045			01983	02033
S3N 160 P MP	R 125	625A			01997	02047			01985	02035
S3N 160 P MP	R 160	800A			01999	02049			01987	02037

Magnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
					3 poles	4 poles			3 poles	4 poles
S3N 160 P MP	In 50A	250A			31482	31530			31470	31518
S3N 160 P MP	In 80A	400A			31484	31532			31472	31520
S3N 160 P MP	In 100A								31474	31522
S3N 160 P MP	In 125A	625A			31488	31536			31476	31524
S3N 160 P MP	In 160A								31478	31526

S3H 160 $I_u (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Thermomagnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
					3 poles	4 poles			3 poles	4 poles
S3H 160 P MP	R 32	250A			03164	03214			03152	03202
S3H 160 P MP	R 50	250A			03166	03216			03154	03204
S3H 160 P MP	R 80	400A			03168	03218			03156	03206
S3H 160 P MP	R 100	500A			03170	03220			03158	03208
S3H 160 P MP	R 125	625A			03172	03222			03160	03210
S3H 160 P MP	R 160	800A			03174	03224			03162	03212

Magnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
					3 poles	4 poles			3 poles	4 poles
S3H 160 P MP	In 50A	250A			31578	31626			31566	31614
S3H 160 P MP	In 80A	400A			31580	31628			31568	31616
S3H 160 P MP	In 100A								31570	31618
S3H 160 P MP	In 125A	625A			31584	31632			31572	31620
S3H 160 P MP	In 160A								31574	31622

S3L 160 $I_u (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 85\text{ kA}$

Thermomagnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
					3 poles	4 poles			3 poles	4 poles
S3L 160 P MP	R 32	250A			04464	04512			04452	04500
S3L 160 P MP	R 50	250A			04466	04514			04454	04502
S3L 160 P MP	R 80	400A			14536	14538			04456	04504
S3L 160 P MP	R 100	500A			04469	04517			04458	04506
S3L 160 P MP	R 125	625A			04471	04519			04460	04508
S3L 160 P MP	R 160	800A			04473	04521			04462	04510

Magnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
					3 poles	4 poles			3 poles	4 poles
S3L 160 P MP	In 50A	250A			31674	31722			31662	31710
S3L 160 P MP	In 80A	400A			31676	31724			31664	31712
S3L 160 P MP	In 100A								31666	31714
S3L 160 P MP	In 125A	625A			31680	31728			31668	31716
S3L 160 P MP	In 160A								31670	31718

Order codes

SACE Isomax S3 circuit-breaker

P = PLUG-IN



Moving part

S3N 160 $I_u (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
			3 poles	4 poles	3 poles	4 poles	3 poles	4 poles	3 poles	4 poles
S3N 160 P MP	R 32	250A	01989	02039	500A	01977	02027			
S3N 160 P MP	R 50	250A	01991	02041	500A	01979	02029			
S3N 160 P MP	R 80	400A	01993	02043	800A	01981	02031			
S3N 160 P MP	R 100	500A	01995	02045	1000A	01983	02033			
S3N 160 P MP	R 125	625A	01997	02047	1250A	01985	02035			
S3N 160 P MP	R 160	800A	01999	02049	1600A	01987	02037			

Magnetic release			Im=5 lth		code 1SDA0 R1		Im=10 lth		code 1SDA0 R1	
			3 poles	4 poles	3 poles	4 poles	3 poles	4 poles	3 poles	4 poles
S3N 160 P MP	In 50A	250A	31482	31530	500A	31470	31518			
S3N 160 P MP	In 80A	400A	31484	31532	800A	31472	31520			
S3N 160 P MP	In 100A				1000A	31474	31522			
S3N 160 P MP	In 125A	625A	31488	31536	1250A	31476	31524			
S3N 160 P MP	In 160A				1600A	31478	31526			

Order codes

SACE Isomax S3 circuit-breaker

W = WITHDRAWABLE



PS59607

Moving part

S3N 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release			$I_m = 5\text{ lth}$	code 1SDA0 R1		$I_m = 10\text{ lth}$	code 1SDA0 R1	
				3 poles	4 poles		3 poles	4 poles
S3N 160 W MP	R 32	250A		02014	02064	500A	02002	02052
S3N 160 W MP	R 50	250A		02016	02066	500A	02004	02054
S3N 160 W MP	R 80	400A		02018	02068	800A	02006	02056
S3N 160 W MP	R 100	500A		02020	02070	1000A	02008	02058
S3N 160 W MP	R 125	625A		02022	02072	1250A	02010	02060
S3N 160 W MP	R 160	800A		02024	02074	1600A	02012	02062

Magnetic release				$I_m = 5\text{ lth}$	code 1SDA0 R1		$I_m = 10\text{ lth}$	code 1SDA0 R1	
					3 poles	4 poles		3 poles	4 poles
S3N 160 W MP	In 50A	250A		31506	31554	500A	31494	31542	
S3N 160 W MP	In 80A	400A		31508	31556	800A	31496	31544	
S3N 160 W MP	In 100A					1000A	31498	31546	
S3N 160 W MP	In 125A	625A		31512	31560	1250A	31500	31548	
S3N 160 W MP	In 160A					1600A	31502	31550	

Order codes

SACE Isomax S3 circuit-breaker

P = PLUG-IN



Moving part

S3N 250 $I_u (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release		$I_m = 5\text{ lth}$	code 1SDA0 R1		$I_m = 10\text{ lth}$	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
S3N 250 P MP	R 200	1000A	04921	04939	2000A	04917	04935
S3N 250 P MP	R 250	1250A	04923	04941	2500A	04919	04937

Magnetic release		I_n	code 1SDA0 R1	
			3 poles	4 poles
S3N 250 P MP	In 200A		2000A 32929	32945
S3N 250 P MP	In 250A		2500A 32931	32947

Order codes

SACE Isomax S3 circuit-breaker

W = WITHDRAWABLE



Moving part

S3N 250 $I_u (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release		Im = 5 lth	code 1SDA0 R1		Im = 10 lth	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
S3N 250 W MP	R 200	1000A	04930	04948	2000A	04926	04944
S3N 250 W MP	R 250	1250A	04932	04950	2500A	04928	04946

Magnetic release					Im = 10 lth	code 1SDA0 R1	
						3 poles	4 poles
S3N 250 W MP	In	200A			2000A	32937	32953
S3N 250 W MP	In	250A			2500A	32939	32955

Order codes

SACE Isomax S3 circuit-breaker for motor protection

F = FIXED



S3N 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3N 160 F F	R 3	12 ... 36A	47782
S3N 160 F F	R 5	20 ... 60A	47783
S3N 160 F F	R 10	40 ... 120A	47784
S3N 160 F F	R 25	100 ... 300A	47785
S3N 160 F F	R 50	200 ... 600A	47786
S3N 160 F F	R 100	400 ... 1200A	47787
S3N 160 F F	R 125	500 ... 1500A	47788
S3N 160 F F	R 160	640 ... 1600A	47789

S3H 160 $I_n (40\text{ }^{\circ}\text{C}) = 160\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3H 160 F F	R 50	200 ... 600A	45185
S3H 160 F F	R 100	400 ... 1200A	45186
S3H 160 F F	R 125	500 ... 1500A	45187
S3H 160 F F	R 160	640 ... 1600A	45188

S3N 250 $I_n (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3N 250 F F	R 160	640 ... 1920A	48651
S3N 250 F F	R 200	800 ... 2400A	48654

Note

Plug-in and withdrawable version are taken from the corresponding fixed version by means of the conversion kits indicated on page 90.

Order codes

SACE Isomax S3 circuit-breaker

F = FIXED



S3N 250 $I_n (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release			code 1SDA0 R1	
			3 poles	4 poles
F = Front terminals				
S3N 250 F F	R 200	600A	48545	48555
S3N 250 F F	R 250	750A	48546	48556
S3N 250 F F (N50%)	R 200	600A		48561
S3N 250 F F (N50%)	R 250	750A		48562

Thermomagnetic release			code 1SDA0 R1		code 1SDA0 R1		
			3 poles	4 poles	3 poles	4 poles	
F = Front terminals							
S3N 250 F F	R 200	1000A	13495	13503	2000A	13491	13499
S3N 250 F F	R 250	1250A	13497	13505	2500A	13493	13501
EF = Extended front terminals							
S3N 250 F EF	R 200	1000A	04552	04777	2000A	04548	04773
S3N 250 F EF	R 250	1250A	04554	04779	2500A	04550	04775
FC Cu = Front terminals for copper cables							
S3N 250 F FC Cu	R 200	1000A	04606	14419	2000A	04602	14415
S3N 250 F FC Cu	R 250	1250A	04608	14421	2500A	04604	14417
FC CuAl = Front terminals for copper/aluminium cables							
S3N 250 F FC CuAl	R 200	1000A	04660	14455	2000A	04656	14451
S3N 250 F FC CuAl	R 250	1250A	04662	14457	2500A	04658	14453
R = Threaded rear terminals							
S3N 250 F R	R 200	1000A	04768	04912	2000A	04764	04908
S3N 250 F R	R 250	1250A	04770	04914	2500A	04766	04910
RC = Rear terminals for cables							
S3N 250 F RC	R 200	1000A	04714	04858	2000A	04710	04854
S3N 250 F RC	R 250	1250A	04716	04860	2500A	04712	04856
R Res. Cur = Threaded rear terminals + kit of threaded rear terminals for residual-current release installed below the circuit-breaker							
S3N 250 F R Res. Cur	R 200	1000A		25523	2000A		25519
S3N 250 F R Res. Cur	R 250	1250A		25525	2500A		25521

Magnetic release			code 1SDA0 R1	
			3 poles	4 poles
F = Front terminals				
S3N 250 F F	In 200A		2000A	27388
S3N 250 F F	In 250A		2500A	27390
EF = Extended front terminals				
S3N 250 F EF	In 200A		2000A	31756
S3N 250 F EF	In 250A		2500A	31758
FC Cu = Front terminals for copper cables				
S3N 250 F FC Cu	In 200A		2000A	31804
S3N 250 F FC Cu	In 250A		2500A	31806
FC CuAl = Front terminals for copper/aluminium cables				
S3N 250 F FC CuAl	In 200A		2000A	31844
S3N 250 F FC CuAl	In 250A		2500A	31846
R = Threaded rear terminals				
S3N 250 F R	In 200A		2000A	31940
S3N 250 F R	In 250A		2500A	31942
RC = Rear terminals for cables				
S3N 250 F RC	In 200A		2000A	31892
S3N 250 F RC	In 250A		2500A	31894

Order codes

SACE Isomax S3 circuit-breaker

P = PLUG-IN



Moving part

S3N 250 $I_u (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release		$I_m = 5\text{ lth}$	code 1SDA0 R1		$I_m = 10\text{ lth}$	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
S3N 250 P MP	R 200	1000A	04921	04939	2000A	04917	04935
S3N 250 P MP	R 250	1250A	04923	04941	2500A	04919	04937

Magnetic release		I_n	code 1SDA0 R1	
			3 poles	4 poles
S3N 250 P MP	In 200A		2000A 32929	32945
S3N 250 P MP	In 250A		2500A 32931	32947

Order codes

SACE Isomax S3 circuit-breaker

W = WITHDRAWABLE



Moving part

S3N 250 $I_u (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release			Im = 5 lth		Im = 10 lth	
			code 1SDA0 R1		code 1SDA0 R1	
			3 poles	4 poles	3 poles	4 poles
S3N 250 W MP	R 200	1000A	04930	04948	2000A	04926
S3N 250 W MP	R 250	1250A	04932	04950	2500A	04928

Magnetic release			Im = 10 lth	
			code 1SDA0 R1	code 1SDA0 R1
			3 poles	4 poles
S3N 250 W MP	In 200A		2000A	32937
S3N 250 W MP	In 250A		2500A	32939

Order codes

SACE Isomax S3 circuit-breaker

F = FIXED



P559607

S3N 250 $I_n (40\text{ }^{\circ}\text{C}) = 250\text{ A}$ $I_{cu} (415\text{ V}) = 35\text{ kA}$

Thermomagnetic release		Im=3 lth	code 1SDA0 R1
			3 poles 4 poles
F = Front terminals			
S3N 250 F F	R 200	600A	48545 48555
S3N 250 F F	R 250	750A	48546 48556
S3N 250 F F (N50%)	R 200	600A	48561
S3N 250 F F (N50%)	R 250	750A	48562

Thermomagnetic release		Im=5 lth	code 1SDA0 R1		Im=10 lth	code 1SDA0 R1	
			3 poles	4 poles		3 poles	4 poles
F = Front terminals							
S3N 250 F F	R 200	1000A	13495	13503	2000A	13491	13499
S3N 250 F F	R 250	1250A	13497	13505	2500A	13493	13501
EF = Extended front terminals							
S3N 250 F EF	R 200	1000A	04552	04777	2000A	04548	04773
S3N 250 F EF	R 250	1250A	04554	04779	2500A	04550	04775
FC Cu = Front terminals for copper cables							
S3N 250 F FC Cu	R 200	1000A	04606	14419	2000A	04602	14415
S3N 250 F FC Cu	R 250	1250A	04608	14421	2500A	04604	14417
FC CuAl = Front terminals for copper/aluminium cables							
S3N 250 F FC CuAl	R 200	1000A	04660	14455	2000A	04656	14451
S3N 250 F FC CuAl	R 250	1250A	04662	14457	2500A	04658	14453
R = Threaded rear terminals							
S3N 250 F R	R 200	1000A	04768	04912	2000A	04764	04908
S3N 250 F R	R 250	1250A	04770	04914	2500A	04766	04910
RC = Rear terminals for cables							
S3N 250 F RC	R 200	1000A	04714	04858	2000A	04710	04854
S3N 250 F RC	R 250	1250A	04716	04860	2500A	04712	04856
R Res. Cur = Threaded rear terminals + kit of threaded rear terminals for residual-current release installed below the circuit-breaker							
S3N 250 F R Res. Cur	R 200	1000A		25523	2000A		25519
S3N 250 F R Res. Cur	R 250	1250A		25525	2500A		25521

Magnetic release		Im = 10 lth	code 1SDA0 R1
			3 poles 4 poles
F = Front terminals			
S3N 250 F F	In 200A	2000A	27388 27476
S3N 250 F F	In 250A	2500A	27390 27478
EF = Extended front terminals			
S3N 250 F EF	In 200A	2000A	31756 32337
S3N 250 F EF	In 250A	2500A	31758 32339
FC Cu = Front terminals for copper cables			
S3N 250 F FC Cu	In 200A	2000A	31804 32385
S3N 250 F FC Cu	In 250A	2500A	31806 32387
FC CuAl = Front terminals for copper/aluminium cables			
S3N 250 F FC CuAl	In 200A	2000A	31844 32433
S3N 250 F FC CuAl	In 250A	2500A	31846 32435
R = Threaded rear terminals			
S3N 250 F R	In 200A	2000A	31940 32529
S3N 250 F R	In 250A	2500A	31942 32531
RC = Rear terminals for cables			
S3N 250 F RC	In 200A	2000A	31892 32481
S3N 250 F RC	In 250A	2500A	31894 32483

Order codes

SACE Isomax S3X current-limiting circuit-breaker

F = FIXED



S3S9151

S3X 125 $I_u (40\text{ }^{\circ}\text{C}) = 125\text{ A}$ $I_{cu} (415\text{ V}) = 200\text{ kA}$

Thermomagnetic release		I _m	code 1SDA0 R1	
			3 poles	4 poles
F = Front terminals				
S3X 125 F F	R 32	500A	45197	45207
S3X 125 F F	R 50	500A	45199	45209
S3X 125 F F	R 80	800A	45201	45211
S3X 125 F F	R 100	1000A	45203	45213
S3X 125 F F	R 125	1250A	45205	45215
EF = Extended front terminals				
S3X 125 F EF	R 32	500A	45217	45267
S3X 125 F EF	R 50	500A	45219	45269
S3X 125 F EF	R 80	800A	45221	45271
S3X 125 F EF	R 100	1000A	45223	45273
S3X 125 F EF	R 125	1250A	45225	45275
FC Cu = Front terminals for copper cables				
S3X 125 F FC Cu	R 32	500A	45227	45277
S3X 125 F FC Cu	R 50	500A	45229	45279
S3X 125 F FC Cu	R 80	800A	45231	45281
S3X 125 F FC Cu	R 100	1000A	45233	45283
S3X 125 F FC Cu	R 125	1250A	45235	45285
FC CuAl = Front terminals for copper/aluminium cables				
S3X 125 F FC CuAl	R 32	500A	45237	45287
S3X 125 F FC CuAl	R 50	500A	45239	45289
S3X 125 F FC CuAl	R 80	800A	45241	45291
S3X 125 F FC CuAl	R 100	1000A	45243	45293
S3X 125 F FC CuAl	R 125	1250A	45245	45295
R = Threaded rear terminals				
S3X 125 F R	R 32	500A	45257	45307
S3X 125 F R	R 50	500A	45259	45309
S3X 125 F R	R 80	800A	45261	45311
S3X 125 F R	R 100	1000A	45263	45313
S3X 125 F R	R 125	1250A	45265	45315
RC = Rear terminals for cables				
S3X 125 F RC	R 32	500A	45247	45297
S3X 125 F RC	R 50	500A	45249	45299
S3X 125 F RC	R 80	800A	45251	45301
S3X 125 F RC	R 100	1000A	45253	45303
S3X 125 F RC	R 125	1250A	45255	45305

Order codes

SACE Isomax S3X current-limiting circuit-breaker

P = PLUG-IN



Moving part

S3X 125 $I_n (40\text{ }^{\circ}\text{C}) = 125\text{ A}$ $I_{cu} (415\text{ V}) = 200\text{ kA}$

Thermomagnetic release		I_m	code 1SDA0 R1	
			3 poles	4 poles
S3X 125 P MP	R 32	500A	45317	45327
S3X 125 P MP	R 50	500A	45319	45329
S3X 125 P MP	R 80	800A	45321	45331
S3X 125 P MP	R 100	1000A	45323	45333
S3X 125 P MP	R 125	1250A	45325	45335

Order codes

SACE Isomax S3X current-limiting circuit-breaker

W = WITHDRAWABLE**Moving part****S3X 125** $I_n (40\text{ }^{\circ}\text{C}) = 125\text{ A}$ $I_{cu} (415\text{ V}) = 200\text{ kA}$

Thermomagnetic release		I_m	code 1SDA0 R1 3 poles	4 poles
S3X 125 W MP	R 32	500A	45337	45347
S3X 125 W MP	R 50	500A	45339	45349
S3X 125 W MP	R8 0	800A	45341	45351
S3X 125 W MP	R 100	1000A	45343	45353
S3X 125 W MP	R 125	1250A	45345	45355

S3X 200 $I_n (40\text{ }^{\circ}\text{C}) = 200\text{ A}$ $I_{cu} (415\text{ V}) = 200\text{ kA}$

Thermomagnetic release		I_m	code 1SDA0 R1 3 poles	4 poles
S3X 200 W MP	R 125	1250A	46123	46129
S3X 200 W MP	R 160	1600A	46125	46131
S3X 200 W MP	R 200	2000A	46127	46133

F = FIXED**S3X 200** $I_n (40\text{ }^{\circ}\text{C}) = 200\text{ A}$ $I_{cu} (415\text{ V}) = 200\text{ kA}$

Magnetic only release		I_m	code 1SDA0 R1 3 poles
<i>F = Front terminals</i>			
S3X 200 F F	R 125	500 ... 1500A	46135
S3X 200 F F	R 160	640 ... 1920A	48659
S3X 200 F F	R 200	800 ... 2400A	48660

Order codes

SACE Isomax S3X current-limiting circuit-breaker

F = FIXED



GSIS9151

S3X 200 $I_n (40\text{ }^{\circ}\text{C}) = 200\text{ A}$ $I_{cu} (415\text{ V}) = 200\text{ kA}$

Thermomagnetic release		I _m	code 1SDA0 R1	
			3 poles	4 poles
F = Front terminals				
S3X 200 F F	R 125	1250A	46039	46045
S3X 200 F F	R 160	1600A	46041	46047
S3X 200 F F	R 200	2000A	46043	46049
EF = Extended front terminals				
S3X 200 F EF	R 125	1250A	46051	46081
S3X 200 F EF	R 160	1600A	46053	46083
S3X 200 F EF	R 200	2000A	46055	46085
FC Cu = Front terminals for copper cables				
S3X 200 F FC Cu	R 125	1250A	46057	46087
S3X 200 F FC Cu	R 160	1600A	46059	46089
S3X 200 F FC Cu	R 200	2000A	46061	46091
FC CuAl = Front terminals for copper/aluminium cables				
S3X 200 F FC CuAl	R 125	1250A	46063	46093
S3X 200 F FC CuAl	R 160	1600A	46065	46095
S3X 200 F FC CuAl	R 200	2000A	46067	46097
R = Threaded rear terminals				
S3X 200 F R	R 125	1250A	46075	46105
S3X 200 F R	R 160	1600A	46077	46107
S3X 200 F R	R 200	2000A	46079	46109
RC = Rear terminals for cables				
S3X 200 F RC	R 125	1250A	46069	46099
S3X 200 F RC	R 160	1600A	46071	46101
S3X 200 F RC	R 200	2000A	46073	46103

P = PLUG-IN



GSIS9151

Moving part

S3X 200 $I_n (40\text{ }^{\circ}\text{C}) = 200\text{ A}$ $I_{cu} (415\text{ V}) = 200\text{ kA}$

Thermomagnetic release		 I _m	code 1SDA0 R1	
			3 poles	4 poles
S3X 200 P MP	R 125	1250A	46111	46117
S3X 200 P MP	R 160	1600A	46113	46119
S3X 200 P MP	R 200	2000A	46115	46121

Order codes

SACE Isomax S3X-S4X-S6X current-limiting circuit-breakers for motor protection

F = FIXED



CS19151

S3X 200 $I_u (40\text{ }^{\circ}\text{C}) = 200\text{ A}$ $I_{cu} (415\text{ V}) = 200\text{ kA}$

**Magnetic only
release**

I_m

code 1SDA0 R1
3 poles

F = Front terminals

S3X 200 F F	R 125	500 ... 1500A	46135
S3X 200 F F	R 160	640 ... 1920A	48659
S3X 200 F F	R 200	800 ... 2400A	48660

Note

Plug-in and withdrawable version are taken from the corresponding fixed version by means of the conversion kits indicated on page 90.



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