





Control Circuit Protection  
**5SJ4 Branch Circuit Protection**  
**5SJ4 70 mm mounting depth**


All 5SJ4 miniature circuit breakers comply with UL489 and CSA 22.2 No. 5-02 standards. They are used in branch circuit applications.

Selection and ordering Data	I <sub>n</sub>	Type HSJ <sup>1)</sup> Characteristic B		Type NSJ <sup>2)</sup> Characteristic B		Weight 1 Item kg
		Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	
 <p>1-pole</p> 	A					
	0.3	-	-	-	-	0.155
	0.5	-	-	-	-	
	1	-	-	-	-	
	1.6	-	-	-	-	
	2	-	-	-	-	
	3	-	-	-	-	
	4	-	-	-	-	
	5	-	-	-	-	
	6	5SJ4106-6HG40	70.00	-	-	
	8	-	-	-	-	
	10	5SJ4110-6HG40	70.00	-	-	
	13	5SJ4113-6HG40	70.00	-	-	
	15	5SJ4118-6HG40	70.00	-	-	
	16	5SJ4116-6HG40	70.00	-	-	
	20	5SJ4120-6HG40	70.00	-	-	
25	5SJ4125-6HG40	70.00	-	-		
30	5SJ4130-6HG40	70.00	-	-		
32	5SJ4132-6HG40	70.00	-	-		
35	5SJ4135-6HG40	74.00	-	-		
40	5SJ4140-6HG40	74.00	-	-		
45	5SJ4145-6HG40	\$76.00	-	-		
50	5SJ4150-6HG40	\$78.00	-	-		
60	5SJ4160-6HG40	\$85.00	-	-		
63	5SJ4163-6HG40	\$85.00	-	-		

Selection and ordering Data	I <sub>n</sub>	Type HSJ <sup>1)</sup> Characteristic C		Type NSJ <sup>2)</sup> Characteristic C		Weight 1 Item kg
		Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	
 <p>1-pole</p> 	A					
	0.3	5SJ4114-7HG40	\$70.00	-	-	0.155
	0.5	5SJ4105-7HG40	\$70.00	-	-	
	1	5SJ4101-7HG40	\$70.00	-	-	
	1.6	5SJ4115-7HG40	\$70.00	-	-	
	2	5SJ4102-7HG40	\$70.00	-	-	
	3	5SJ4103-7HG40	\$70.00	-	-	
	4	5SJ4104-7HG40	\$70.00	-	-	
	5	5SJ4111-7HG40	\$70.00	-	-	
	6	5SJ4106-7HG40	\$70.00	-	-	
	8	5SJ4108-7HG40	\$70.00	-	-	
	10	5SJ4110-7HG40	\$70.00	-	-	
	13	5SJ4113-7HG40	\$70.00	-	-	
	15	5SJ4118-7HG40	\$70.00	-	-	
	16	5SJ4116-7HG40	\$70.00	-	-	
	20	5SJ4120-7HG40	\$70.00	-	-	
25	5SJ4125-7HG40	\$70.00	-	-		
30	5SJ4130-7HG40	\$70.00	-	-		
32	5SJ4132-7HG40	\$70.00	-	-		
35	5SJ4135-7HG40	\$74.00	-	-		
40	5SJ4140-7HG40	\$74.00	-	-		
45	-	-	5SJ4145-7HG40	\$76.00		
50	-	-	5SJ4150-7HG40	\$78.00		
60	-	-	5SJ4160-7HG40	\$85.00		
63	-	-	5SJ4163-7HG40	\$85.00		

<sup>1)</sup> 14kA Interrupting Rating.

<sup>2)</sup> 10kA Interrupting Rating.


Selection and ordering Data	I <sub>n</sub>	Type HSJ <sup>1)</sup>		Type NSJ <sup>2)</sup>		Weight 1 Item
		Characteristic D Order No.	List Price \$ 1 item	Characteristic D Order No.	List Price \$ 1 item	
 <p>1-pole</p>	A					
	0.3	5SJ4114-8HG40	\$70.00	-	-	0.155
	0.5	5SJ4105-8HG40	\$70.00	-	-	
	1	5SJ4101-8HG40	\$70.00	-	-	
	1.6	5SJ4115-8HG40	\$70.00	-	-	
	2	5SJ4102-8HG40	\$70.00	-	-	
	3	5SJ4103-8HG40	\$70.00	-	-	
	4	5SJ4104-8HG40	\$70.00	-	-	
	5	5SJ4111-8HG40	\$70.00	-	-	
	6	5SJ4106-8HG40	\$70.00	-	-	
	8	5SJ4108-8HG40	\$70.00	-	-	
	10	5SJ4110-8HG40	\$70.00	-	-	
	13	5SJ4113-8HG40	\$70.00	-	-	
	15	5SJ4118-8HG40	\$70.00	-	-	
	16	5SJ4116-8HG40	\$70.00	-	-	
	20	5SJ4120-8HG40	\$70.00	-	-	
	25	-	-	5SJ4125-8HG40	\$70.00	
30	-	-	5SJ4130-8HG40	\$70.00		
32	-	-	5SJ4132-8HG40	\$70.00		
35	-	-	5SJ4135-8HG40	\$74.00		
40	-	-	5SJ4140-8HG40	\$74.00		
45	-	-	5SJ4145-8HG40	\$76.00		
50	-	-	5SJ4150-8HG40	\$78.00		
60	-	-	5SJ4160-8HG40	\$85.00		
63	-	-	5SJ4163-8HG40	\$85.00		


<sup>1)</sup> 14kA Interrupting Rating.


<sup>2)</sup> 10kA Interrupting Rating.

Control Circuit Protection  
**5SJ4 Branch Circuit Protection**  
 5SJ4 70 mm mounting depth

All 5SJ4 miniature circuit breakers comply with UL489 and CSA 22.2 No. 5-02 standards. They are used in branch circuit applications.



Selection and ordering Data	I <sub>n</sub>	Type HSJ <sup>1)</sup> Characteristic C		Type NSJ <sup>2)</sup> Characteristic C		Type HSJ <sup>1)</sup> Characteristic D		Type NSJ <sup>2)</sup> Characteristic D		Weight 1 Item
		Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	
	A									kg
	0.3	5SJ4114-7HG41	72.00	-	-	5SJ4114-8HG41	\$72.00	-	-	0.155
	0.5	5SJ4105-7HG41	72.00	-	-	5SJ4105-8HG41	-	-	-	
	1	5SJ4101-7HG41	72.00	-	-	5SJ4101-8HG41	\$72.00	-	-	
	1.6	5SJ4115-7HG41	72.00	-	-	5SJ4115-8HG41	\$72.00	-	-	
	2	5SJ4102-7HG41	72.00	-	-	5SJ4102-8HG41	\$72.00	-	-	
	3	5SJ4103-7HG41	72.00	-	-	5SJ4103-8HG41	\$72.00	-	-	
	4	5SJ4104-7HG41	72.00	-	-	5SJ4104-8HG41	\$72.00	-	-	
	5	5SJ4111-7HG41	72.00	-	-	5SJ4111-8HG41	\$72.00	-	-	
	6	5SJ4106-7HG41	72.00	-	-	5SJ4106-8HG41	\$72.00	-	-	
	8	5SJ4108-7HG41	72.00	-	-	5SJ4108-8HG41	\$72.00	-	-	
	10	5SJ4110-7HG41	72.00	-	-	5SJ4110-8HG41	\$72.00	-	-	
	13	5SJ4113-7HG41	72.00	-	-	5SJ4113-8HG41	\$72.00	-	-	
	15	5SJ4118-7HG41	72.00	-	-	5SJ4118-8HG41	\$72.00	-	-	
	16	5SJ4116-7HG41	72.00	-	-	5SJ4116-8HG41	\$72.00	-	-	
	20	5SJ4120-7HG41	72.00	-	-	5SJ4120-8HG41	\$72.00	-	-	
	25	5SJ4125-7HG41	72.00	-	-	-	-	5SJ4125-8HG41	72.00	
	30	5SJ4130-7HG41	72.00	-	-	-	-	5SJ4130-8HG41	72.00	
	32	5SJ4132-7HG41	72.00	-	-	-	-	5SJ4132-8HG41	72.00	
	35	5SJ4135-7HG41	77.00	-	-	-	-	5SJ4135-8HG41	77.00	
40	5SJ4140-7HG41	77.00	-	-	-	-	5SJ4140-8HG41	77.00		
45	-	-	-	5SJ4145-7HG41	\$80.00	-	-	5SJ4145-8HG41	80.00	
50	-	-	-	5SJ4150-7HG41	\$82.00	-	-	5SJ4150-8HG41	8.00	
60	-	-	-	5SJ4160-7HG41	\$87.00	-	-	5SJ4160-8HG41	87.00	
63	-	-	-	5SJ4163-7HG41	\$87.00	-	-	5SJ4163-8HG41	87.00	



Selection and ordering Data	I <sub>n</sub>	Type HSJ <sup>1)</sup> Characteristic C		Type NSJ <sup>2)</sup> Characteristic C		Type HSJ <sup>1)</sup> Characteristic D		Type NSJ <sup>2)</sup> Characteristic D		Weight 1 Item
		Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	
	A									kg
	0.3	5SJ4214-7HG41	165.00	-	-	5SJ4214-8HG41	\$165.00	-	-	0.310
	0.5	5SJ4205-7HG41	165.00	-	-	5SJ4205-8HG41	\$165.00	-	-	
	1	5SJ4201-7HG41	165.00	-	-	5SJ4201-8HG41	\$165.00	-	-	
	1.6	5SJ4215-7HG41	165.00	-	-	5SJ4215-8HG41	\$165.00	-	-	
	2	5SJ4202-7HG41	165.00	-	-	5SJ4202-8HG41	\$165.00	-	-	
	3	5SJ4203-7HG41	165.00	-	-	5SJ4203-8HG41	\$165.00	-	-	
	4	5SJ4204-7HG41	165.00	-	-	5SJ4204-8HG41	\$165.00	-	-	
	5	5SJ4211-7HG41	165.00	-	-	5SJ4211-8HG41	\$165.00	-	-	
	6	5SJ4206-7HG41	165.00	-	-	5SJ4206-8HG41	\$165.00	-	-	
	8	5SJ4208-7HG41	165.00	-	-	5SJ4208-8HG41	\$165.00	-	-	
	10	5SJ4210-7HG41	165.00	-	-	5SJ4210-8HG41	\$165.00	-	-	
	13	5SJ4213-7HG41	165.00	-	-	5SJ4213-8HG41	\$165.00	-	-	
	15	5SJ4218-7HG41	165.00	-	-	5SJ4218-8HG41	\$165.00	-	-	
	16	5SJ4216-7HG41	165.00	-	-	5SJ4216-8HG41	\$165.00	-	-	
	20	5SJ4220-7HG41	165.00	-	-	5SJ4220-8HG41	\$165.00	-	-	
	25	5SJ4225-7HG41	165.00	-	-	-	-	5SJ4225-8HG41	165.00	
	30	5SJ4230-7HG41	165.00	-	-	-	-	5SJ4230-8HG41	165.00	
	32	5SJ4232-7HG41	165.00	-	-	-	-	5SJ4232-8HG41	165.00	
	35	5SJ4235-7HG41	165.00	-	-	-	-	5SJ4235-8HG41	165.00	
40	5SJ4240-7HG41	175.00	-	-	-	-	5SJ4240-8HG41	175.00		
45	-	-	-	5SJ4245-7HG41	\$180.00	-	-	5SJ4245-8HG41	180.00	
50	-	-	-	5SJ4250-7HG41	\$184.00	-	-	5SJ4250-8HG41	184.00	
60	-	-	-	5SJ4260-7HG41	\$194.00	-	-	5SJ4260-8HG41	194.00	
63	-	-	-	5SJ4263-7HG41	\$194.00	-	-	5SJ4263-8HG41	194.00	

Selection and ordering Data	I <sub>n</sub>	Type HSJ <sup>1)</sup> Characteristic C		Type NSJ <sup>2)</sup> Characteristic C		Type HSJ <sup>1)</sup> Characteristic D		Type NSJ <sup>2)</sup> Characteristic D		Weight 1 Item
		Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	Order No.	List Price \$ 1 item	
	A									kg
	0.3	5SJ4314-7HG41	236.00	-	-	5SJ4314-8HG41	\$236.00	-	-	0.465
	0.5	5SJ4305-7HG41	236.00	-	-	5SJ4305-8HG41	\$236.00	-	-	
	1	5SJ4301-7HG41	236.00	-	-	5SJ4301-8HG41	\$236.00	-	-	
	1.6	5SJ4315-7HG41	236.00	-	-	5SJ4315-8HG41	\$236.00	-	-	
	2	5SJ4302-7HG41	236.00	-	-	5SJ4302-8HG41	\$236.00	-	-	
	3	5SJ4303-7HG41	236.00	-	-	5SJ4303-8HG41	\$236.00	-	-	
	4	5SJ4304-7HG41	236.00	-	-	5SJ4304-8HG41	\$236.00	-	-	
	5	5SJ4311-7HG41	236.00	-	-	5SJ4311-8HG41	\$236.00	-	-	
	6	5SJ4306-7HG41	236.00	-	-	5SJ4306-8HG41	\$236.00	-	-	
	8	5SJ4308-7HG41	236.00	-	-	5SJ4308-8HG41	\$236.00	-	-	
	10	5SJ4310-7HG41	236.00	-	-	5SJ4310-8HG41	\$236.00	-	-	
	13	5SJ4313-7HG41	236.00	-	-	5SJ4313-8HG41	\$236.00	-	-	
	15	5SJ4318-7HG41	236.00	-	-	5SJ4318-8HG41	\$236.00	-	-	
	16	5SJ4316-7HG41	236.00	-	-	5SJ4316-8HG41	\$236.00	-	-	
	20	5SJ4320-7HG41	236.00	-	-	5SJ4320-8HG41	\$236.00	-	-	
	25	5SJ4325-7HG41	236.00	-	-	-	-	5SJ4325-8HG41	236.00	
	30	5SJ4330-7HG41	236.00	-	-	-	-	5SJ4330-8HG41	236.00	
	32	5SJ4332-7HG41	236.00	-	-	-	-	5SJ4332-8HG41	236.00	
	35	5SJ4335-7HG41	251.00	-	-	-	-	5SJ4335-8HG41	251.00	
40	5SJ4340-7HG41	251.00	-	-	-	-	5SJ4340-8HG41	251.00		
45	-	-	-	5SJ4345-7HG41	\$259.00	-	-	5SJ4345-8HG41	259.00	
50	-	-	-	5SJ4350-7HG41	\$266.00	-	-	5SJ4350-8HG41	266.00	
60	-	-	-	5SJ4360-7HG41	\$281.00	-	-	5SJ4360-8HG41	281.00	
63	-	-	-	5SJ4363-7HG41	\$281.00	-	-	5SJ4363-8HG41	281.00	

<sup>1)</sup> 14kA Interrupting Rating.  
<sup>2)</sup> 10kA Interrupting Rating.

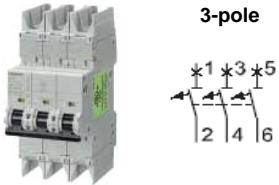
5SJ4...-HG42 miniature circuit breakers comply with UL489 and CSA 22.2 No. 5-02 standards. They are used in Branch Circuit Protection and Feeder applications up to 480Y/277 VAC maximum.

Selection and ordering Data	I <sub>n</sub>	1-pole Type NSJ <sup>1)</sup> Characteristic C			1-pole Type NSJ <sup>1)</sup> Characteristic D		
		Order No.	List Price \$ 1 item	Weight 1 Item kg	Order No.	List Price \$ 1 item	Weight 1 Item kg
 <p><b>1-pole</b></p> 	A						
	0.3	5SJ4114-7HG42	\$76.00	0.155	5SJ4114-8HG42	\$76.00	0.155
	0.5	5SJ4105-7HG42	\$76.00		5SJ4105-8HG42	\$76.00	
	1	5SJ4101-7HG42	\$76.00		5SJ4101-8HG42	\$76.00	
	1.6	5SJ4115-7HG42	\$76.00		5SJ4115-8HG42	\$76.00	
	2	5SJ4102-7HG42	\$76.00		5SJ4102-8HG42	\$76.00	
	3	5SJ4103-7HG42	\$76.00		5SJ4103-8HG42	\$76.00	
	4	5SJ4104-7HG42	\$76.00		5SJ4104-8HG42	\$76.00	
	5	5SJ4111-7HG42	\$76.00		5SJ4111-8HG42	\$76.00	
	6	5SJ4106-7HG42	\$76.00		5SJ4106-8HG42	\$76.00	
	8	5SJ4108-7HG42	\$76.00		5SJ4108-8HG42	\$76.00	
	10	5SJ4110-7HG42	\$76.00		5SJ4110-8HG42	\$76.00	
	13	5SJ4113-7HG42	\$76.00		5SJ4113-8HG42	\$76.00	
	15	5SJ4118-7HG42	\$76.00		5SJ4118-8HG42	\$76.00	
	16	5SJ4116-7HG42	\$76.00		5SJ4116-8HG42	\$76.00	
	20	5SJ4120-7HG42	\$76.00		5SJ4120-8HG42	\$76.00	
	25	5SJ4125-7HG42	\$76.00		5SJ4125-8HG42	\$76.00	
30	5SJ4130-7HG42	\$76.00	5SJ4130-8HG42		\$76.00		
32	5SJ4132-7HG42	\$76.00	5SJ4132-8HG42	\$76.00			
35	5SJ4135-7HG42	\$82.00	-	-			
40	5SJ4140-7HG42	\$82.00	-	-			
45	-	-	-	-			
50	-	-	-	-			
60	-	-	-	-			
63	-	-	-	-			

Selection and ordering Data	I <sub>n</sub>	2-pole Type NSJ <sup>1)</sup> Characteristic C			2-pole Type NSJ <sup>1)</sup> Characteristic D		
		Order No.	List Price \$ 1 item	Weight 1 Item kg	Order No.	List Price \$ 1 item	Weight 1 Item kg
 <p><b>2-pole</b></p> 	A						
	0.3	5SJ4214-7HG42	\$174.00	0.310	5SJ4214-8HG42	\$174.00	0.310
	0.5	5SJ4205-7HG42	\$174.00		5SJ4205-8HG42	\$174.00	
	1	5SJ4201-7HG42	\$174.00		5SJ4201-8HG42	\$174.00	
	1.6	5SJ4215-7HG42	\$174.00		5SJ4215-8HG42	\$174.00	
	2	5SJ4202-7HG42	\$174.00		5SJ4202-8HG42	\$174.00	
	3	5SJ4203-7HG42	\$174.00		5SJ4203-8HG42	\$174.00	
	4	5SJ4204-7HG42	\$174.00		5SJ4204-8HG42	\$174.00	
	5	5SJ4211-7HG42	\$174.00		5SJ4211-8HG42	\$174.00	
	6	5SJ4206-7HG42	\$174.00		5SJ4206-8HG42	\$174.00	
	8	5SJ4208-7HG42	\$174.00		5SJ4208-8HG42	\$174.00	
	10	5SJ4210-7HG42	\$174.00		5SJ4210-8HG42	\$174.00	
	13	5SJ4213-7HG42	\$174.00		5SJ4213-8HG42	\$174.00	
	15	5SJ4218-7HG42	\$174.00		5SJ4218-8HG42	\$174.00	
	16	5SJ4216-7HG42	\$174.00		5SJ4216-8HG42	\$174.00	
	20	5SJ4220-7HG42	\$174.00		5SJ4220-8HG42	\$174.00	
	25	5SJ4225-7HG42	\$174.00		5SJ4225-8HG42	\$174.00	
30	5SJ4230-7HG42	\$174.00	5SJ4230-8HG42		\$174.00		
32	5SJ4232-7HG42	\$174.00	5SJ4232-8HG42	\$174.00			
35	5SJ4235-7HG42	\$184.00	-	-			
40	5SJ4240-7HG42	\$184.00	-	-			
45	-	-	-	-			
50	-	-	-	-			
60	-	-	-	-			
63	-	-	-	-			

<sup>1)</sup> 10kA Interrupting Rating.





Control Circuit Protection  
**5SJ4 Branch Circuit Protection**  
**5SJ4 70 mm mounting depth**

Selection and ordering Data	I <sub>n</sub>	3-pole Type NSJ <sup>1)</sup> Characteristic C			3-pole Type NSJ <sup>1)</sup> Characteristic D		
		Order No.	List Price \$ 1 item	Weight 1 Item kg	Order No.	List Price \$ 1 item	Weight 1 Item kg
 <p>3-pole</p> <p>*1 *3 *5 2 4 6</p>	A						
	0.3	5SJ4314-7HG42	\$249.00	0.465	5SJ4314-8HG42	\$249.00	0.465
	0.5	5SJ4305-7HG42	\$249.00		5SJ4305-8HG42	\$249.00	
	1	5SJ4301-7HG42	\$249.00		5SJ4301-8HG42	\$249.00	
	1.6	5SJ4315-7HG42	\$249.00		5SJ4315-8HG42	\$249.00	
	2	5SJ4302-7HG42	\$249.00		5SJ4302-8HG42	\$249.00	
	3	5SJ4303-7HG42	\$249.00		5SJ4303-8HG42	\$249.00	
	4	5SJ4304-7HG42	\$249.00		5SJ4304-8HG42	\$249.00	
	5	5SJ4311-7HG42	\$249.00		5SJ4311-8HG42	\$249.00	
	6	5SJ4306-7HG42	\$249.00		5SJ4306-8HG42	\$249.00	
	8	5SJ4308-7HG42	\$249.00		5SJ4308-8HG42	\$249.00	
	10	5SJ4310-7HG42	\$249.00		5SJ4310-8HG42	\$249.00	
	13	5SJ4313-7HG42	\$249.00		5SJ4313-8HG42	\$249.00	
	15	5SJ4318-7HG42	\$249.00		5SJ4318-8HG42	\$249.00	
	16	5SJ4316-7HG42	\$249.00		5SJ4316-8HG42	\$249.00	
	20	5SJ4320-7HG42	\$249.00		5SJ4320-8HG42	\$249.00	
	25	5SJ4325-7HG42	\$249.00		5SJ4325-8HG42	\$249.00	
	30	5SJ4330-7HG42	\$249.00		5SJ4330-8HG42	\$249.00	
	32	5SJ4332-7HG42	\$249.00		5SJ4332-8HG42	\$249.00	
35	5SJ4335-7HG42	\$264.00		-	-		
40	5SJ4340-7HG42	\$264.00		-	-		
45	-	-		-	-		
50	-	-		-	-		
60	-	-		-	-		
63	-	-		-	-		

<sup>1)</sup> 10kA Interrupting Rating.

**5SJ4...-HG4. Busbars & Connecting Terminals<sup>3)</sup>**



Selection and Ordering Data	Brief Description	Order No.	List Price \$ 1 Item	Weight 1 Item kg	
 <p><sup>2)</sup></p>	Busbars, One Pole Length = 100 mm	- For 6 MCBs 5ST3663-0HG - For 12 MCBs 5ST3663-1HG - For 18 MCBs 5ST3663-2HG	29.00 47.00 63.00	0.056 0.112 0.170	
	Busbars, Two Pole Length = 205 mm	- For 3 MCBs 5ST3664-0HG - For 6 MCBs 5ST3664-1HG - For 9 MCBs 5ST3664-2HG	33.00 54.00 76.00	0.065 0.137 0.211	
	Busbars, Three Pole Length = 310 mm	- For 2 MCBs 5ST3665-0HG - For 4 MCBs 5ST3665-1HG - For 6 MCBs 5ST3665-2HG	40.00 63.00 90.00	0.067 0.155 0.243	
		Connection Terminal, infeed for MCBs, 35 mm <sup>2</sup>	5ST3666-0HG	36.00	0.033
		Connection Terminal, infeed for busbars, 50 mm <sup>2</sup>	5ST3666-2HG	36.00	0.034
	 <p><sup>2)</sup></p>	Touch Protection Covers, 3 x 1-pin	5ST3666-1HG	7.25	0.003

<sup>2)</sup> All unused busbar terminals must be covered with touch protection covers 5ST3666-1HG.

<sup>3)</sup> Can be used with ALL 5SJ4...-HG4. Miniature Circuit Breakers

■ **Technical Data**

		5SJ4 ... -HG40	5SJ4 ... -HG41	5SJ4 ... -HG42
<b>Standards</b>		EN 60898; UL 489; CSA C22.2 No.5-02		
<b>Approved to</b>		UL 489; CSA C22.2 No.5-02, UL File Nr. E243414		
<b>Tripping characteristic</b>		B, C, D		C, D
<b>Operational voltage</b>		min. V AC/DC	24	
• To IEC60898		max. V DC/pole	60	
		max. V AC	440	
• To UL 489 and CSAC22.2 No.5-02		max. V AC	240/120	480Y/277
		V DC/1P	60	60
		V DC/2P	--	125
<b>Rated breaking capacity</b>				
• $I_{en}$ to IEC60898-1		kA AC	10	
• To UL 489 and CSAC22.2 No.5-02		kA AC	14/10 <sup>1)</sup>	10 <sup>1)</sup>
<b>Insulation coordination</b>				
• Rated insulation voltage		V AC	250	250/440
• Degree of pollution for overvoltage category			3/III	
<b>Touch protection to EN50274</b>		Yes		
<b>Handle end position, sealable</b>		Yes		
<b>Degree of protection to EN60529</b>		IP20, with connected conductors		
<b>CFC and silicone-free</b>		Yes		
<b>Mounting</b>		On standard mounting rail		
<b>Terminals</b>				
• Combined terminals at both ends			Yes	
• Terminal tightening torque, only for Cu, 60/75°C		Nm	3.5	
		lb/in	31	
<b>Conductor cross-sections</b>				
• Solid and stranded to UL 489 and CSA C22.2 No. 5-02		AWG	14 ... 4	
• Solid and stranded to IEC 60898-1		mm <sup>2</sup>	0,75...35	
<b>Mains connection</b>		Any		
<b>Mounting position</b>		Any		
<b>Average service life, with rated load</b>		20000 actuations		
<b>Ambient temperature</b>		°C	-25...+45, occasionally +55, max. 95% humidity, storage temperature: -40...+75	
<b>Resistance to climate to IEC 60068-2-30</b>		6 cycles		
<b>Resistance to vibrations to IEC 60068-2-6</b>		m/s <sup>2</sup>	60 at 10 ... 150 Hz	

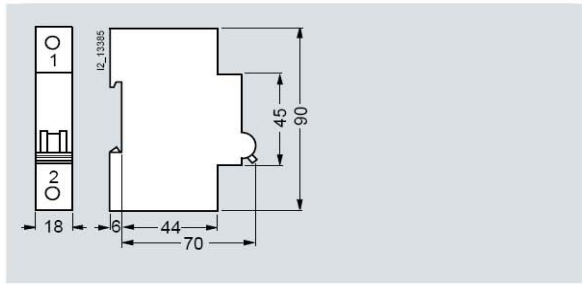
<sup>1)</sup> For detailed information on rated interrupting ratings, see page 10.

**Miniature Circuit Breaker Accessories - Preliminary**

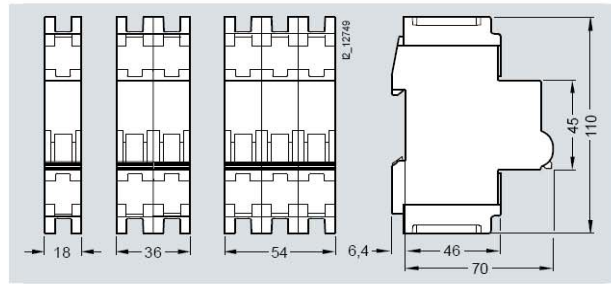
		5ST3 663 5ST3 664 5ST3 665	5ST3 666-0	5ST3 666-2
<b>Busbars</b>				
<b>Standards</b>		UL 489		
<b>Approved to</b>		UL 489 UL File No. E		
<b>Operational voltage</b>				
• To IEC		V AC	690	
• To UL 489		V AC	480Y/277 and 240	
<b>Rated conditional short-circuit current</b>		kA	15 kA with NH3 355A gU/gG 500 V	
Dielectric strength		kV/mm	30	
Surge strength		kV	>9,5	
<b>Rated current at 40 °C ambient temperature</b>		A	115	
<b>Insulation coordination</b>				
• Degree of pollution			2	
• Overvoltage category			III	
<b>Busbar cross-section</b>		mm <sup>2</sup> Cu	16	
<b>Infeed</b>		Any		
<b>Conductor cross-sections</b>				
		AWG	14 ... 2	14 ... 1
		mm <sup>2</sup>	1,5 ... 35	1,5 ... 50
<b>Terminals – terminal tightening torque</b>				
		Nm	3,5	3,5
		lbs/in	30	30
<b>Temperature resistance</b>		°C	200 °C – UL94-V0/0.4 mm	

Control Circuit Protection  
**5SJ4 Branch Circuit Protection**  
**5SJ4 70 mm mounting depth**

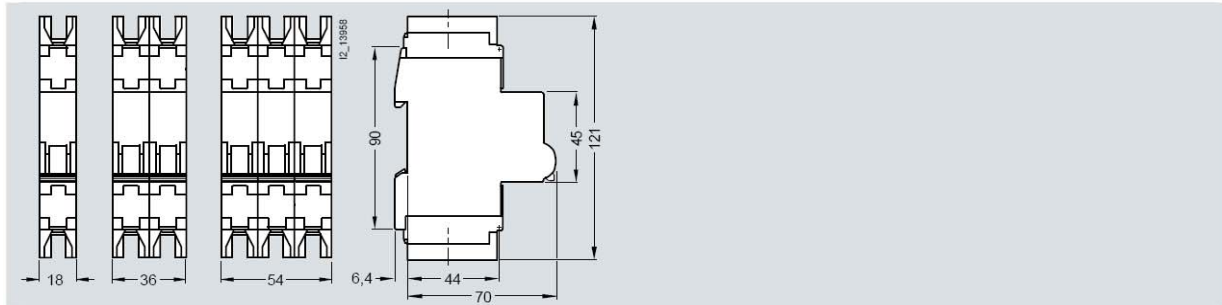
■ **Dimensions (mm)**



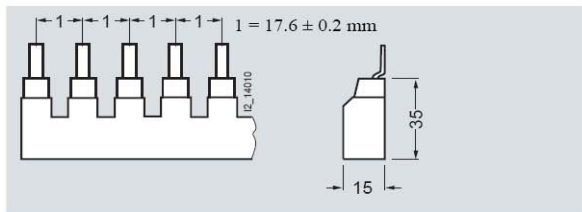
5SJ4 ...-HG40



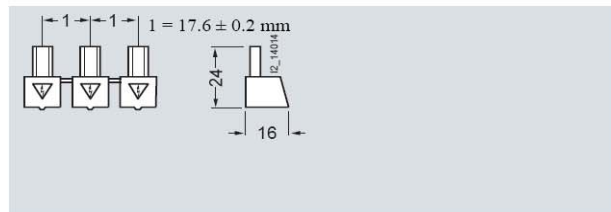
5SJ4 ...-HG41



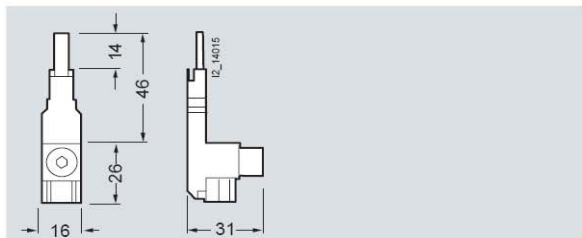
5SJ4 ...-HG42



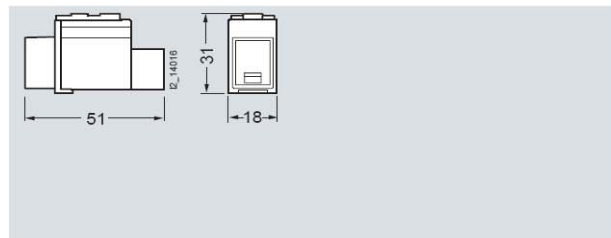
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 5ST3 663-1HG 5ST3 664-1HG 5ST3 665-1HG  
 5ST3 663-2HG 5ST3 664-2HG 5ST3 665-2HG



5ST3 666-1HG

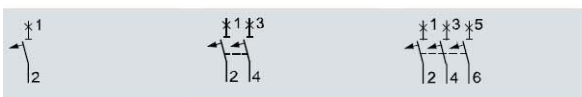


5ST3 666-0HG



5ST3 666-2HG

**Schematics**



5SJ4  
1-Pole

2-Pole

3-Pole