## SIEMENS

## Data sheet

## 3SK1122-1CB44



SIRIUS safety relay Basic unit Advanced series with time delay 5-300 s electronic enabling circuits 2 NO instantaneous 2 NO delayed Us = 24 V DC screw terminal

product brand name         SIRIUS           product category         Safety relays           design of the product         Solid-state enabling circuits           Converal tochnical data         Improduct designation           protection calss IP of the enclosure         IP20           touch protection against electrical shock         finge-safe           insulation voltage rated value         50 V           ambient temperature         -40 +80 °C           - during storage         -40 +80 °C           - during operation         25 +80 °C           - during operation         10 +80 °C           - during operation         10 +80 °C           istatilation altitude at height above sea level maximum         4000 m; Darating, see Product Notification 109792701           Vibrator resistance according to EIC 6066-2-6         5 500 Hz: 0.76 mm           strees tresistance according to EIC 6066-2-6         5 500 Hz: 0.76 mm           strees tresistance according to EIC 6066-2-6         5 500 Hz: 0.76 mm           strees tresistance         10/ 11 ms           surge voltage resistance rated value         800 V           BMC emitted interference         IEC 60947-5-1, Class A           Installation environments regarding EMC         This product is suitable for Class A environments only. In household environ		
product designation         safety relays           design of the product         Solid-state enabling circuits           General tachnical data         protection class IP of the enclosure         IP20           touch protection against electrical shock         finger-safe         insulation voltage rated value         50 V           ambient temperature         -	product brand name	SIRIUS
design of the product       Solid-state enabling circuits         General technical data       Image: Solid - State enabling circuits         protection class IP of the enclosure       IP20         touch protection against electrical shock       finger-safe         Insulation voltage rated value       Sol V         ambient temperature	product category	Safety relays
General tochnical data         IP20           touch protection against electrical shock         finger-safe           insulation voltage rated value         50 V           ambient temperature         - 40 +80 °C           • during storage         - 40 +80 °C           air pressure according to SN 31205         90 106 kPa           Installation attitude at height above sea level maximum         4 000 m; Derating, see Product Notification 109792701           Vibration resistance according to IEC 60082-6         5 500 Hz: 0.75 mm           shock resistance         10g / 11 ms           surge voltage resistance rated value         800 V           EMC emitted Interference         IEC 60047-5-1, Class A           Installation environment regarding EMC         This product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement, bits device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.           overvoltage category         3           degree of pollution         3           reference code according to IEC 81346-2         F           power loss [W] maximum         2.W           number of sensor inputs 1-channel of 2-channel         1           design of the cascading         yes           type of the saf	product designation	safety relays
protection class IP of the enclosure         IP20           touch protection against electrical shock         finger-safe           insulation voltage rated value         50 V           ambient temperature         -40 +80 °C           - during storage         -40 +80 °C           - during operation         -25 +60 °C           alr pressure according to SN 31205         90 106 kPa           relative humidity during operation         10 95 %           installation altitude at height above sea level maximum         4 000 m; Derating, see Product Notification 109792701           vibration resistance according to IEC 60068-2-6         5 500 Hz: 0.75 mm           shock resistance         10g /11 ms           surge voltage resistance rated value         800 V           EMC emitted interference         IEC 600847-5-1, Class A           Installation environment regarding EMC         This product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.           overvoltage category         3           degree of pollution         3           reference code according to IEC 81346-2         F           power loss [W] maximum         2 W           number of sensor Inputs 1-channel or 2-channel         1	design of the product	Solid-state enabling circuits
touch protection against electrical shock         finger-safe           Insulation voltage rated value         50 V           ambient temperature         60 "C           • during storage         -40 +80 "C           • during operation         -25 +60 "C           air pressure according to SN 31205         90 106 kPa           relative humidity during operation         10 95 %           Installation altitude at height above sea level maximum         4 000 m; Derating, see Product Notification 109792701           vibration resistance according to IEC 60068-2-6         5 500 H2; 0.75 mm           shock resistance         10g /11 ms           surge voltage resistance rated value         800 V           EMC emitted interference         IEC 60047-5-1, Class A           Installation environment regarding EMC         This product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.           overvoltage category         3           degree of pollution         3           reference code according to IEC 81346-2         F           power loss [W] maximum         2 W           number of sensor inputs 1-channel or 2-channel         1           design of the cascading         yes           sple	General technical data	
Insulation voltage rated value       50 V         ambient temperature       -0+80 °C         • during storage       -0+80 °C         air pressure according to SN 31205       90106 kPa         relative humidity during operation       1095 %         Installation altitude at height above sea level maximum       4 000 m; Derating, see Product Notification 109792701         vibration resistance according to IEC 60068-2-6       5500 Hz: 0.75 mm         shock resistance       10g /11 ms         surge voltage resistance rated value       800 V         EMC emitted interference       IEC 60947-5-1, Class A         Installation environment regarding EMC       This product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.         overvoltage category       3         degree of pollution       3         reference code according to IEC 8136-2       F         power loss (WJ maximum       2W         number of sensor inputs 1-channel or 2-channel       1         delation of the cascading       yes         stafety integrity Level (SIL)       -         • according to IEC 81308       3         stafety integrity Level (SIL)       -         • according to IEC 61	protection class IP of the enclosure	IP20
ambient temperature       40 +80 °C         • during storage       -40 +80 °C         • during operation       -25 +60 °C         air pressure according to SN 31205       90 106 kPa         relative humidity during operation       10 95 %         installation altitude at height above sea level maximum       4 000 m; Derating, see Product Notification 109792701         vibration resistance according to IEC 60068-2-6       5 500 Hz; 0.75 mm         shock resistance       10g /11 ms         surge voltage resistance rated value       800 V         EMC emitted interference       IEC 60947-5-1, Class A         Installation environment regarding EMC       This product is suitable for Class A environments only. In household environments required to implement appropriate measures in this case.         overvoltage category       3         degree of pollution       3         reference code according to IEC 81346-2       F         power loss [W] maximum       2 W         number of sensor inputs 1-channel or 2-channel       1         design of the safety-related wiring of the inputs       single-channel and two-channel         product feature cross-circuit-proof       Yes         Safety Integrity Level (SIL)       3         • according to IEC 61508       3         • for delayed relea	touch protection against electrical shock	finger-safe
• during storage-40 +80 °C• turing operation-25 +60 °Cair pressure according to SN 3120590 106 kParelative humidity during operation10 95 %Installation altitude at height above sea level maximum4 000 m; Derating, see Product Notification 109792701vibration resistance according to IEC 60068-2-65 500 Hz: 0.75 mmshock resistance according to IEC 60068-2-65 500 Hz: 0.75 mmshock resistance rated value800 VEMC emitted interferenceIEC 60947-5-1, Class Ainstallation environment regarding EMCThis product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascdingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)3• according to IEC 615083• for delayed release circuit according to IEC 615083• for delayed release circuit according to ISC 13849-1e• for delayed	insulation voltage rated value	50 V
• during operation-25 +60 °Cair pressure according to SN 3120590 106 kParelative humidity during operation10 95 %installation altitude at height above sea level maximum4 000 m; Derating, see Product Notification 109792701vibration resistance according to IEC 60068-2-6 500 Hz: 0.75 mmshock resistance10g / 11 mssurge voltage resistance rated value800 VEMC emitted interferenceIEC 60047-51, Class Ainstallation environment regarding EMCThis products is uitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)3• according to IEC 615083• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-14Safe failure fraction (SFF)99 %	ambient temperature	
air pressure according to SN 31205       90 106 kPa         relative humidity during operation       10 95 %         Installation altitude at height above sea level maximum       4 000 m; Derating, see Product Notification 109792701         vibration resistance according to IEC 60068-2-6       5 500 Hz: 0.75 mm         shock resistance       10g / 11 ms         surge voltage resistance rated value       800 V         EMC emitted interference       IEC 60947-5-1, Class A         installation environment regarding EMC       This product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.         overvoltage category       3         degree of pollution       3         reference code according to IEC 81346-2       F         power loss [VI] maximum       2 W         number of sensor inputs 1-channel or 2-channel       1         design of the cascading       yes         type of the safety-related wiring of the inputs       single-channel and two-channel         product feature cross-circuit-proof       Yes         Safety Integrity Level (SL)       3         • according to IEC 61508       3         • for delayed release circuit according to IEC 61508       3L3         • for delayed releas	during storage	-40 +80 °C
relative humidity during operation10 95 %installation altitude at height above sea level maximum4 000 m; Derating, see Product Notification 109792701vibration resistance according to IEC 60068-2-65 500 Hz: 0.75 mmshock resistance10g /11 mssurge voltage resistance rated value800 VEMC emitted interferenceIEC 60947-5-1, Class Ainstallation environment regarding EMCThis product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)3• according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL)e• according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-199 %	during operation	-25 +60 °C
Installation altitude at height above sea level maximum4 000 m; Derating, see Product Notification 109792701vibration resistance according to IEC 60068-2-65 500 Hz: 0.75 mmshock resistance10g / 11 mssurge voltage resistance rated value800 VEMC emitted interferenceIEC 60947-5-1, Class AInstallation environment regarding EMCThis product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascading product feature cross-circuit-proofYesSafety Integrity Level (SIL) • according to IEC 62061 • according to IEC 615083ecording to IEC 615083ecording to IEC 615083eford elayed release circuit according to IEC 615083e for delayed release circuit according to ISC 13849-1 • for delayed release circuit according to ISO 13849-1ee category according to EN ISO 13849-14Safe failure fraction (SFF)99 %	air pressure according to SN 31205	90 106 kPa
vibration resistance according to IEC 60068-2-65 500 Hz: 0.75 mmshock resistance10g / 11 mssurge voltage resistance rated value800 VEMC emitted interferenceIEC 60947-5-1, Class Ainstallation environment regarding EMCThis product is suitable for Class A environments only. In household environment, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)3• according to IEC 615083• for delayed release circuit according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL)e• according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-14Safe failure fraction (SFF)99 %	relative humidity during operation	10 95 %
shock resistance10g / 11 mssurge voltage resistance rated value800 VEMC emitted interferenceIEC 60947-5-1, Class Ainstallation environment regarding EMCThis product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct fs suffy Level (SIL)3• according to IEC 615083• for delayed release circuit according to IEC 615083• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed nelses Circuit according to ISO 13849-199 %	installation altitude at height above sea level maximum	4 000 m; Derating, see Product Notification 109792701
surge voltage resistance rated value800 VEMC emitted interferenceIEC 60947-5-1, Class Ainstallation environment regarding EMCThis product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascading product feature cross-circuit-proofyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit according to IEC 615083• for delayed release circuit according to IEC 615083• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-14Safe failure fraction (SFF)99 %	vibration resistance according to IEC 60068-2-6	5 500 Hz: 0.75 mm
EMC emitted interferenceIEC 60947-5-1, Class Ainstallation environment regarding EMCThis product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)3• according to IEC 615083• for delayed release circuit according to IEC 615083• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-19 %	shock resistance	10g / 11 ms
Installation environment regarding EMCThis product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)3• according to IEC 615083• for delayed release circuit according to IEC 615083• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-199 %	surge voltage resistance rated value	800 V
environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.overvoltage category3degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascading type of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL) • according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL) • for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1ecategory according to EN ISO 13849-14Safe failure fraction (SFF)99 %	EMC emitted interference	IEC 60947-5-1, Class A
degree of pollution3reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)3• according to IEC 620613• for delayed release circuit according to IEC 61508SIL3performance level (PL)e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-199 %	installation environment regarding EMC	environments, this device can cause unwanted radio interference. The user is
reference code according to IEC 81346-2Fpower loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)3• according to IEC 620613• according to IEC 61508SIL3• for delayed release circuit according to IEC 61508SIL3performance level (PL)e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-199 %	overvoltage category	3
power loss [W] maximum2 Wnumber of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)-• according to IEC 620613• according to IEC 61508SIL3• for delayed release circuit according to IEC 61508SIL3performance level (PL)e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-199 %	degree of pollution	3
number of sensor inputs 1-channel or 2-channel1design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)• according to IEC 620613• according to IEC 61508SIL3• for delayed release circuit according to IEC 61508SIL3performance level (PL)• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-199 %	reference code according to IEC 81346-2	F
design of the cascadingyestype of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)-• according to IEC 620613• according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL)-• according to ISO 13849-1e• for delayed release circuit according to ISO 13849-199 %	power loss [W] maximum	2 W
type of the safety-related wiring of the inputssingle-channel and two-channelproduct feature cross-circuit-proofYesSafety Integrity Level (SIL)-• according to IEC 620613• according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL)-• according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1eSafe failure fraction (SFF)99 %	number of sensor inputs 1-channel or 2-channel	1
product feature cross-circuit-proofYesSafety Integrity Level (SIL)·• according to IEC 620613• according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL)·• according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-199 %	design of the cascading	yes
Safety Integrity Level (SIL)• according to IEC 620613• according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL)•• according to ISO 13849-1•• for delayed release circuit according to ISO 13849-1•• for delayed release to ISO 13849-1 <t< th=""><th>type of the safety-related wiring of the inputs</th><th>single-channel and two-channel</th></t<>	type of the safety-related wiring of the inputs	single-channel and two-channel
• according to IEC 620613• according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL)• according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-19Safe failure fraction (SFF)99 %	product feature cross-circuit-proof	Yes
• according to IEC 615083• for delayed release circuit according to IEC 61508SIL3performance level (PL)• according to ISO 13849-1e• for delayed release circuit according to ISO 13849-1e• for delayed release circuit according to ISO 13849-14category according to EN ISO 13849-199 %	Safety Integrity Level (SIL)	
	<ul> <li>according to IEC 62061</li> </ul>	3
performance level (PL)       e         • according to ISO 13849-1       e         • for delayed release circuit according to ISO 13849-1       e         category according to EN ISO 13849-1       4         Safe failure fraction (SFF)       99 %	<ul> <li>according to IEC 61508</li> </ul>	3
• according to ISO 13849-1       e         • for delayed release circuit according to ISO 13849-1       e         category according to EN ISO 13849-1       4         Safe failure fraction (SFF)       99 %	<ul> <li>for delayed release circuit according to IEC 61508</li> </ul>	SIL3
• for delayed release circuit according to ISO 13849-1       e         category according to EN ISO 13849-1       4         Safe failure fraction (SFF)       99 %	performance level (PL)	
category according to EN ISO 13849-1       4         Safe failure fraction (SFF)       99 %	<ul> <li>according to ISO 13849-1</li> </ul>	e
Safe failure fraction (SFF)     99 %	<ul> <li>for delayed release circuit according to ISO 13849-1</li> </ul>	e
	category according to EN ISO 13849-1	4
DEVD with high domand rate according to VEC \$2061 15E 0.1/b	Safe failure fraction (SFF)	99 %
	PFHD with high demand rate according to IEC 62061	1.5E-9 1/h
PFDavg with low demand rate according to IEC 61508 7E-6	PFDavg with low demand rate according to IEC 61508	7E-6
T1 value for proof test interval or service life according to 20 a	T1 value for proof test interval or service life according to	20 a

IEC 61508	
hardware fault tolerance according to IEC 61508	1
safety device type according to IEC 61508-2	Туре В
Inputs/ Outputs	
number of outputs as contact-affected switching element	
as NO contact	
	0
— safety-related delayed switching	0
number of outputs as contact-less semiconductor switching element	
<ul> <li>safety-related</li> </ul>	
— delayed switching	2
— instantaneous contact	2
stop category according to IEC 60204-1	0 / 1
design of input	
<ul> <li>cascading input/functional switching</li> </ul>	Yes
<ul> <li>feedback input</li> </ul>	Yes
start input	Yes
type of electrical connection plug-in socket	No
operating frequency maximum	2 000 1/h
switching capacity current	
of semiconductor outputs at DC-13 at 24 V	2 A
design of the fuse link for short-circuit protection of the NO contacts of the relay outputs required	not required
wire length	
<ul> <li>with Cu 1.5 mm<sup>2</sup> and 150 nF/km per sensor circuit maximum</li> </ul>	4 000 m
make time with automatic start	
at DC maximum	85 ms
make time with automatic start after power failure	
• typical	6 500 ms
• maximum	6 500 ms
make time with monitored start	
• maximum	85 ms
backslide delay time after opening of the safety circuits typical	40 ms
adjustable OFF-delay time after opening of the safety circuits	5 300
recovery time after opening of the safety circuits typical	30 ms
recovery time after power failure typical	6.5 s
pulse duration	00
of the sensor input minimum	60 ms
of the ON pushbutton input minimum	0.15 s
Control circuit/ Control	
type of voltage of the control supply voltage	DC
<ul> <li>control supply voltage</li> <li>at DC rated value</li> </ul>	
	24 V
operating range factor control supply voltage rated value of magnet coil	27 V
• at DC	0.8 1.2
Installation/ mounting/ dimensions	
mounting position	any
required spacing for grounded parts at the side	5 mm
fastening method	screw and snap-on mounting
width	22.5 mm
height	100 mm
depth	121.6 mm
Connections/ Terminals	
type of electrical connection	screw terminal
type of connectable conductor cross-sections	
• solid	1x (0.5 2.5 mm²), 2x (1.0 1.5 mm²)

<ul> <li>finely stranded</li> <li>— with core end processing</li> </ul>			$(0.5, 2.5 \text{ mm}^2)$ 2x (0.5	$1.0 \text{ mm}^{2}$		
type of connectable conductor cross-sections for AWG			1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)			
cables	table conductor cross-sections	IOF AWG				
• solid		1	1x (20 14), 2x (18 16)			
• stranded			1x (20 16), 2x (20 16)			
oduct Function	1					
product function parameterizable		C	sensor floating / sensor non-floating, monitored start-up / automatic start, 1- channel / 2-channel sensor connection, cross-circuit detection, startup testing, antivalent sensors, 2-hand switches, time delay			
suitability for operation device connector 3ZY12			Yes			
suitability for interaction press control			Yes			
uitability for u	se					
<ul> <li>safety swi</li> </ul>	itch	١	Yes			
<ul> <li>monitoring</li> </ul>	g of floating sensors	١	Yes			
<ul> <li>monitoring</li> </ul>	g of non-floating sensors	١	Yes			
<ul> <li>magnetica</li> </ul>	ally operated switch monitoring	١	ſes			
<ul> <li>safety-relation</li> </ul>	ated circuits	١	Yes			
rtificates/ app	rovals					
General Produ	ct Approval					
<b>(1)</b>	(f	UK	(m)	Confirmation	FAL	
J.					СПС	
	EG-Konf.	CA	ccc		CUL	
	EG-Konf. Functional Saftey	<b>CA</b> Test Certificates	ccc Marine / Shipping	other	Environment	
			2	other Confirmation	Environment	
	Functional Saftey	Test Certificates	2		Environment Environmental Co	
EMV EMV RCM	Functional Saftey Type Examination Cer- tificate	Test Certificates	Llovds Register		Environment Environmental Co	

Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10

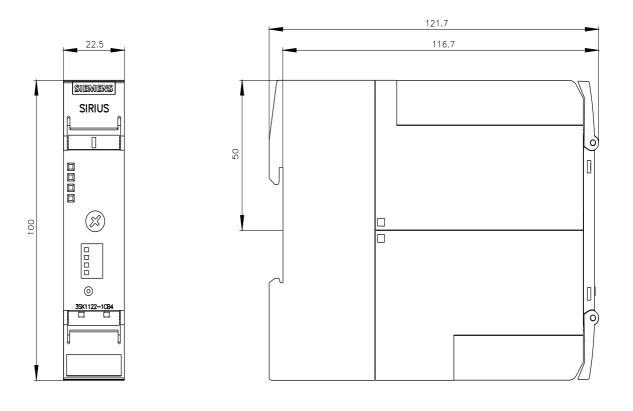
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SK1122-1CB44

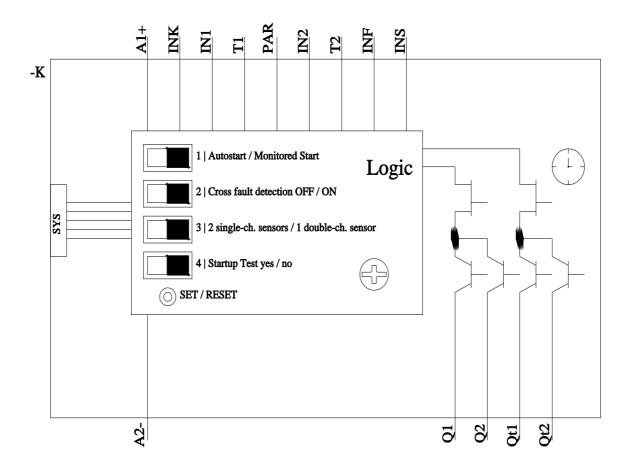
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SK1122-1CB44 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

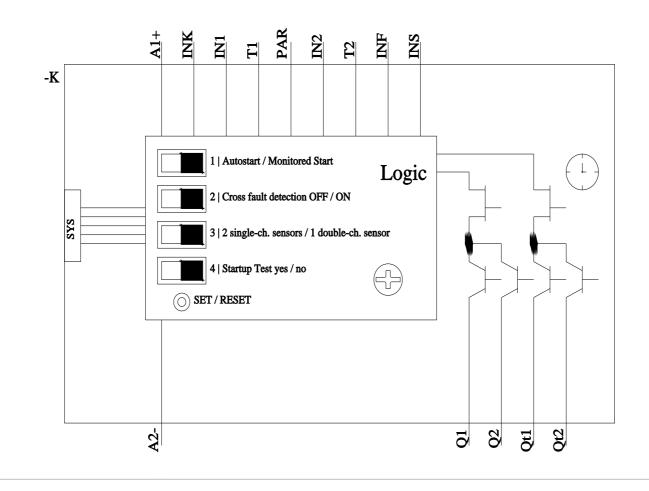
https://support.industry.siemens.com/cs/ww/en/ps/3SK112 2-1CB4

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SK1122-1CB44&lang=en





4/15/2024



last modified:

4/8/2024 🖸

## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

3SK11221CB44