

SIRIUS safety engineering Basic package consisting of 3SU1100-0AB50-3BA0, 3SU1801-0AA00-0AB1, 3SU1801-0NB00-2AC2, 2 x 3SU1900-0HG10-0AA0, 3SK1112-2BB40, 2 x 3RT2015-1BB42, 3RA2916-1A, 2 x 3RT2916-1CB00.



product brand name	SIRIUS
product category	Safety engineering
product designation	Basic Bundle
product type designation	3SK1
Product Function	
product function	
• light barrier monitoring	No
• EMERGENCY OFF function	Yes
suitability for operation device connector 3ZY12	No
suitability for use	
• position switch monitoring	No
• EMERGENCY-OFF circuit monitoring	Yes
• valve monitoring	No
• opto-electronic protection device monitoring	No
• tactile sensor monitoring	No
• magnetically operated switch monitoring	No
• proximity switch monitoring	No
General technical data	
certificate of suitability UL approval	Yes
protection class IP of the enclosure	IP20
Substance Prohibition (Date)	11/05/2012
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Lead titanium zirconium oxide - 12626-81-2 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
Weight	1.756 kg
Ambient conditions	
installation altitude at height above sea level maximum	4 000 m; Derating, see Product Notification 109792701
Safety related data	
product function suitable for safety function	Yes
IEC 62061	
SIL Claim Limit (subsystem) according to EN 62061	3
Safety Integrity Level (SIL)	
• according to IEC 62061	SIL 3
ISO 13849	
category according to EN ISO 13849-1	4
performance level (PL)	
• according to ISO 13849-1	PL e

IEC 61508	
Safety Integrity Level (SIL)	
<ul style="list-style-type: none"> • according to IEC 61508 	3
safety device type according to IEC 61508-2	Type A
hardware fault tolerance	
<ul style="list-style-type: none"> • according to IEC 61508 	1

Electrical Safety	
touch protection against electrical shock	finger-safe

Inputs	
design of input	
<ul style="list-style-type: none"> • feedback input 	Yes
<ul style="list-style-type: none"> • start input 	Yes

Installation/ mounting/ dimensions	
height	180 mm
width	145 mm
depth	310 mm

Connections/ Terminals	
type of electrical connection	screw-type terminals, spring-loaded terminals
type of electrical connection plug-in socket	No

Approvals Certificates			
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General Product Approval	EMV	Functional Safety	Test Certificates
 EG-Konf.			 RCM
		Type Examination Certificate	Type Test Certificates/Test Report

other	Environment
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[Confirmation](#)

[Environmental Confirmations](#)

Further information

- Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
- 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=3SK1911-3SB40>
- Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SK1911-3SB40>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SK1911-3SB40>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SK1911-3SB40&lang=en

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