



SIRIUS safety engineering Advanced package consisting of 3SU1100-0AB50-3BA0, 3SU1801-0AA00-0AB1, 3SU1801-0NB00-2AC2, 2 x 3SU1900-0HG10-0AA0, 3SK1122-2AB40, 3SK1220-2AB40, 3RM1107-2AA04, 3ZY1212-1BA00, 3ZY1212-2BA00, 3ZY1212-2FA00, 3SE6315-0BB01, 3SE6310-0BC01, 3SX5601-2GA03.

product brand name	SIRIUS
product category	Safety engineering
product designation	Advanced Bundle
product type designation	3SK1
Product Function	
product function	
• light barrier monitoring	No
suitability for operation device connector 3ZY12	Yes
suitability for use	
• position switch monitoring	Yes
• 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	2.091 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) • according to IEC 61508	3		
safety device type according to IEC 61508-2	Type A		
hardware fault tolerance • according to IEC 61508	1		
Electrical Safety			
touch protection against electrical shock	finger-safe		
Inputs			
design of input • feedback input • start input	Yes Yes		
Installation/ mounting/ dimensions			
height	240 mm		
width	160 mm		
depth	320 mm		
Connections/ Terminals			
type of electrical connection	screw-type terminals, spring-loaded terminals		
type of electrical connection plug-in socket	No		
Approvals Certificates			
General Product Approval	EMV	Functional Safety	Test Certificates



[Type Examination Certificate](#)

[Type Test Certificates/Test Report](#)

other

Environment



[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=3SK1912-3SB40>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SK1912-3SB40>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SK1912-3SB40>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SK1912-3SB40&lang=en

last modified:

4/18/2025