SIEMENS

Data sheet 3SE6627-3CA04



magnetically operated switch contact block rectangular small 26 x 36 mm, for right-hinged door, contacts: safety contacts 2 NC, signaling contact 1 NC, with 3 m connection cable without LED, the matching solenoid 3SE6714-3CA or offset by 90° 3SE6724-3CA

product brand name	SIRIUS
product designation	Magnetically operated switch
design of the product	Rectangular sensor unit
product type designation	3SE66
suitability for use safety-related circuits	Yes
General technical data	
product function	
● positive opening	No
● control function for downstream devices	No
● cross-circuit/short-circuit recognition	Yes
type of voltage of the operating voltage	DC
protection class IP	IP67
shock resistance according to IEC 60068-2-27	Sinusoidal half-wave 30g / 11 ms
vibration resistance according to IEC 60068-2-6	10 ... 55 Hz: 1 mm
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	07/01/2006
Weight	210 g
height of the sensor	36 mm
length of the sensor	13 mm
width of the sensor	26 mm
material of the active sensor area	Plastic, glass-fiber reinforced thermoplastic
Ambient conditions	
ambient temperature during operation	-25 ... +70 °C
Control circuit/ Control	
type of voltage	DC
operating voltage rated value	75 V
operational current rated value	400 mA
operating power rated value	10 W
number of NC contacts for auxiliary contacts	3
number of NC contacts safety-related	2
number of NO contacts for auxiliary contacts	0
number of NO contacts safety-related	0
Enclosure	
material of the enclosure	Plastic, glass-fiber reinforced thermoplastic
opening direction of the door	right
material of cable sheath	PVC
Actuator	
design of the actuating element	magnet
Display	
evaluation unit required	yes

Subject to change without notice
© Copyright Siemens

Contact	
switching frequency	5 Hz
assured operating distance OFF	15 mm
assured operating distance ON	5 mm
design of the switching function	NC contact
number of switching contacts for signaling function	1
● safety-related	0
Installation/ mounting/ dimensions	
fastening method	screw fixing
Connections/ Terminals	
type of electrical connection	cable
wire length	3 m
Inputs/ Outputs	
number of semiconductor outputs	
● for signaling function	0
● safety-related	0
number of outputs as contact-affected switching element	
● as NC contact	
— for signaling function instantaneous contact	1
— safety-related instantaneous contact	2
● as NC contact safety-related instantaneous contact	0
Safety related data	
proportion of dangerous failures	
● with low demand rate according to SN 31920	50 %
● with high demand rate according to SN 31920	50 %
B10 value with high demand rate according to SN 31920	12 500 000
ISO 13849	
performance level (PL) according to EN ISO 13849-1	e
IEC 61508	
Safety Integrity Level (SIL) according to IEC 61508	3
T1 value for proof test interval or service life according to IEC 61508	20 a

Approvals Certificates

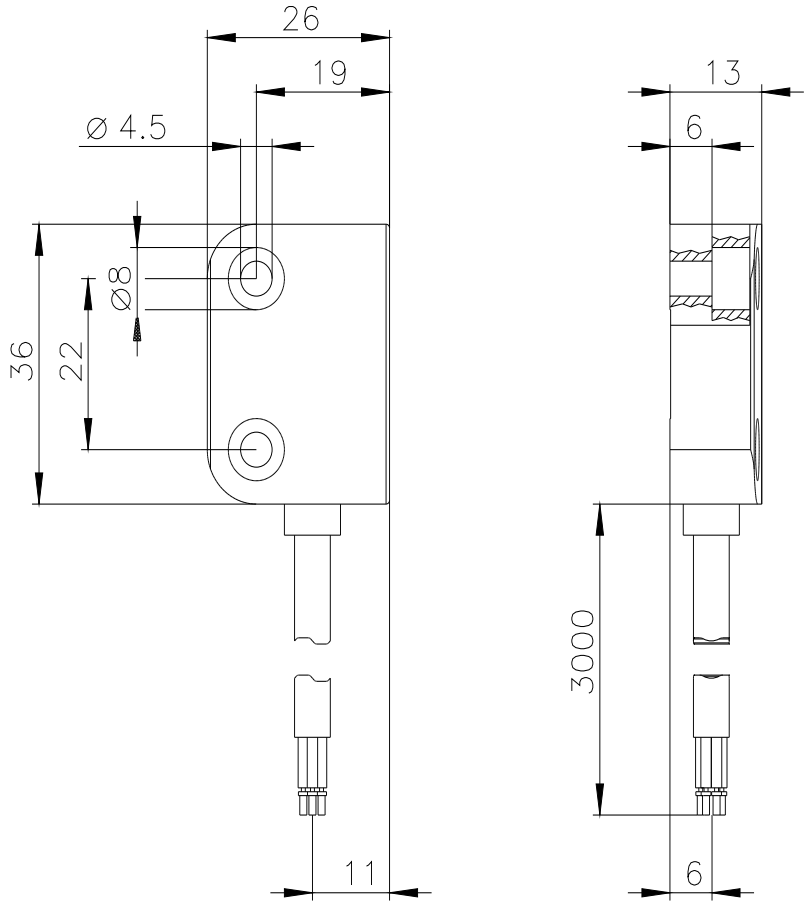
General Product Approval				EMV	Functional Saftey
					Miscellaneous

other	Environment
Confirmation	Environmental Con-firmations

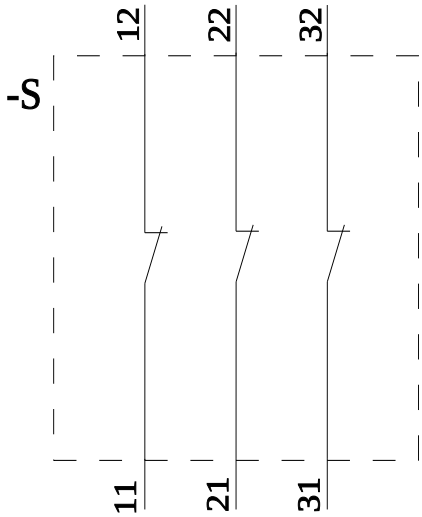
Further information

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=3SE6627-3CA04
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE6627-3CA04
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE6627-3CA04
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE6627-3CA04&lang=en

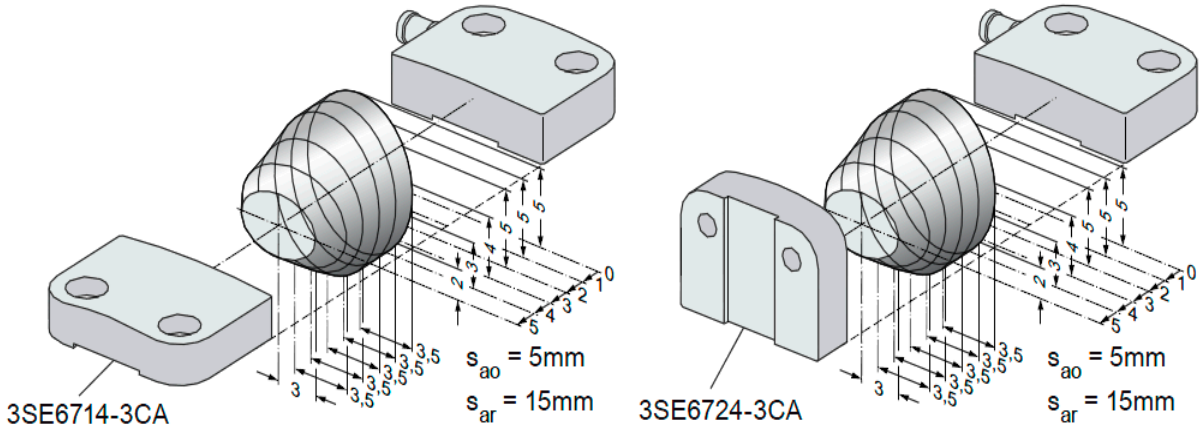
Subject to change without notice
© Copyright Siemens



GN = Green	→	21
YE = Yellow	→	22
GY = Grey	→	11
PK = Pink	→	12
WH = White	→	31
BN = Brown	→	32



Subject to change without notice
© Copyright Siemens



last modified: 9/6/2025

Subject to change without notice
© Copyright Siemens