# SIEMENS

# **Product data sheet**

## 3SE5423-0CD21-1EA2



COMPACT SWITCH 40MM WIDE W. CONNECTING CABLE 2M SNAP-ACTION CONTACTS 1NO+1NC ROUNDED PLUNGER, WITH CENTRAL FIXING

# General technical details:

Product designationcompact switchExplosion protection category for dustnoneIsulation voltageVIsulation voltageV• Rated valueVDegree of pollutionIDegree of pollutionIThermal currentIoperating currentI• at AC-15I• at AC51I• at AC51/SI• at DC V/ Rated valueIA• at DC V/ Rated valueIA• at DC V/ Rated valueIA• at 25 V / Rated val	General technical details:		
Insulation voltageImage: Note that the stress of the stow DIAZED fuse linkImage: Note the stow DIAZED fuse linkInsulation voltageImage: Note the stow DIAZED fuse linkImage: Note the stow DIAZED fuse link <th>Product designation</th> <th></th> <th>compact switch</th>	Product designation		compact switch
· Rated valueI400• Rated value3• Degree of pollutionI• Thermal currentIA• Operating currentI• at AC-15I• at AC-15I• at 25 V / Rated valueIA• at 230 V / Rated valueIA• at 25 V / Rated valueIA• at 26 V / Rated valueIA•	Explosion protection category for dust		none
Degree of pollutionImage: constraint of the source of pollutionImage: constraint of the source of the characteristic MCBDegree of pollutionA10Thermal currentA10operating currentA6• at AC-15A6• at 125 V / Rated valueAA6• at 230 V / Rated valueAA3• at 230 V / Rated valueAA3• at DC-13• at 125 V / Rated valueAA0.55• at 230 V / Rated valueAA0.27Continuous currentA10• of the slow DIAZED fuse linkAA10• of the quick DIAZED fuse linkAA3• of the C characteristic MCBA3	Insulation voltage		
Thermal currentA10Operating current	Rated value	V	400
Operating currentImage: second se	Degree of pollution		3
• at AC-15Image: constraint of the quick DIAZED fuse linkAB• at 230 V / Rated valueAAB• at 230 V / Rated valueAD.55Constraint of the guick DIAZED fuse linkAD.27• of the quick DIAZED fuse linkADDConstraint of the quick DIAZED fuse linkAD• of the C characteristic MCBADDConstraint of the C characteristic MCBAD• Mechanical service life (switching cycles)Image: constraint of the characteristic MCBAImage: constraint of the characteristic MCBAD	Thermal current	А	10
• at 125 V / Rated valueA6• at 230 V / Rated valueA3• at 230 V / Rated valueA0.55• at 125 V / Rated valueA0.27• at 230 V / Rated valueA0.27Continuous currentA10• of the slow DIAZED fuse linkA10• of the quick DIAZED fuse linkA3• of the quick DIAZED fuse linkA3• of the C characteristic MCBA3Mechanical service life (switching cycles)II	Operating current		
• at 230 V / Rated valueA3• at DC-13• at 125 V / Rated valueA0.55• at 230 V / Rated valueA0.27Continuous current• of the slow DIAZED fuse linkA10• of the quick DIAZED fuse linkA10• of the characteristic MCBA3Mechanical service life (switching cycles)II	• at AC-15		
• at DC-13Image: Constraint of the Slow DIAZED fuse linkImage: Constraint of the Quick DIAZED fuse linkImage: Constraint of the Characteristic MCBImage: Constraint of the Cha	• at 125 V / Rated value	А	6
• at 125 V / Rated valueA0.55• at 230 V / Rated valueA0.27Continuous current• of the slow DIAZED fuse linkA10• of the quick DIAZED fuse linkA10• of the Ccharacteristic MCBA3Mechanical service life (switching cycles)II	• at 230 V / Rated value	А	3
• at 230 V / Rated valueA0.27Continuous current• of the slow DIAZED fuse linkA10• of the quick DIAZED fuse linkA10• of the C characteristic MCBA3Mechanical service life (switching cycles)II	• at DC-13		
Continuous currentImage: Continuous current• of the slow DIAZED fuse linkA10• of the quick DIAZED fuse linkA10• of the C characteristic MCBA3Mechanical service life (switching cycles)Image: Continuous current curre	• at 125 V / Rated value	А	0.55
• of the slow DIAZED fuse linkA10• of the quick DIAZED fuse linkA10• of the C characteristic MCBA3Mechanical service life (switching cycles)Image: State St	• at 230 V / Rated value	А	0.27
• of the quick DIAZED fuse linkA10• of the C characteristic MCBA3Mechanical service life (switching cycles)Image: Characteristic MCBImage: Characteristic MCB	Continuous current		
• of the C characteristic MCB A 3 Mechanical service life (switching cycles)	of the slow DIAZED fuse link	А	10
Mechanical service life (switching cycles)	of the quick DIAZED fuse link	А	10
	of the C characteristic MCB	А	3
• typical 5,000,000	Mechanical service life (switching cycles)		
	• typical		5,000,000

	EG-Konf.	Confirmation
General Product Approval	Declaration Conformity	of other
Certificates/approvals:		
• acc. to DIN EN 61346-2		В
acc. to DIN 40719 extended according to IEC 204-2		S
Reference code		
Design of the electrical connection		cable connection 5m x 0.75 mm <sup>2</sup> PVC
mounting position		any
Protection class IP		IP67
Minimum actuating force / in activation direction	Ν	15
Actuating speed	mm/s / m/s	0.05 2
Design of the operating mechanism		roller plunger
Material / of the enclosure / of the switch head		stainless steel
• of the enclosure		metal
Material		
Width of the sensor	mm	40
during storage	°C	-25 +85
during operation	°C	-25 +85
Ambient temperature		
Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
for auxiliary contacts		1
Number of NO contacts		
Design of the switching function		snap-action contact
for auxiliary contacts		1
Number of NC contacts		
Circuit principle		snap-action contacts
Repeat accuracy	mm	0.05
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		1,800
Electrical operating cycles in one hour		
3RT1026 / typical • at AC-15 / at 230 V / typical		100,000
<ul> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025,</li> </ul>		500,000

Further information:

#### Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

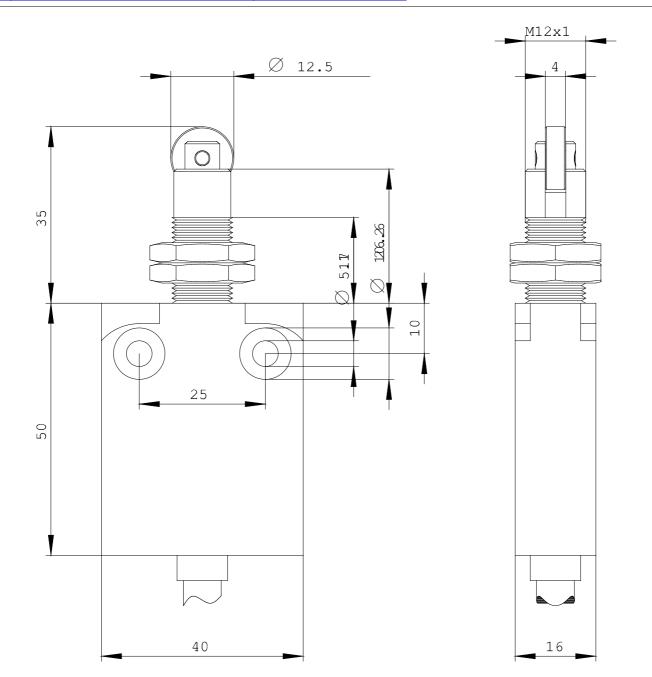
 $\underline{http://www.siemens.com/industrial-controls/mall}$ 

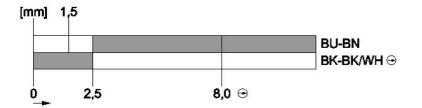
### Cax online generator:

http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3SE5423-0CD21-1EA2/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3SE5423-0CD21-1EA2





last change:

Nov 17, 2014