SIEMENS

COMPACT SWITCH 40MM WIDE W. CONNECTING
CABLE 2M SNAP-ACTION CONTACTS 1NO+1NC ROLLER
PLUNGER

General technical details:		
Product designation		compact switch
Explosion protection category for dust		none
Insulation voltage		
• rated value	V	400
Degree of pollution		3
Thermal current	A	10
Operating current		
• at AC-15		
• at 125 V / rated value	A	6
• at 230 V / rated value	A	3
• at DC-13		
• at 125 V / rated value	A	0.55
• at 230 V / rated value	A	0.27
Continuous current		
• of the slow DIAZED fuse link	A	10
• of the quick DIAZED fuse link	A	10
• of the C characteristic circuit breaker	A	3
Mechanical operating cycles as operating time		
• typical		5,000,000

Electrical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical		500,000
• at AC-15 / at 230 V / typical		100,000
Electrical operating cycles in one hour		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		1,800
Repeat accuracy	mm	0.05
Design of the contact element		snap-action contacts
Number of NC contacts		
• for auxiliary contacts		1
Design of the switching function		snap-action contact
Number of NO contacts		
• for auxiliary contacts		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
• during operating	°C	-25 … +85
• during storage	°C	-25 … +85
Width of the sensor	mm	40
Material		
• of the enclosure		metal
Material / of the enclosure / of the switch head		stainless steel
Design of the operating mechanism		roller plunger
Actuating speed	mm/s / m/s	0.05 … 2
Minimum actuating force / in activation direction	N	15
Protection class IP		IP67
mounting position		any
Design of the electrical connection		cable connection 5m x 0.75 mm² PVC
Reference code		
• according to DIN 40719 extended according to IEC 204-2		S
• according to DIN EN 61346-2		B

Certificates/approvals:

General Product Approval	Declaration of Conformity	other
CCC EAC UL	CE EG-Konf.	Confirmation

Further information:

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

Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

Cax online generator:
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
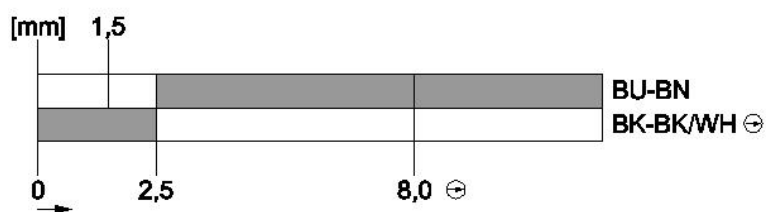http://support.automation.siemens.com/WW/view/en/3SE5423-0CD20-1EA2/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5423-0CD20-1EA2

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[mm]    1,5
                    ┌──────────────────────┐  BU-BN
        ┌──────────┤                      │  BK-BK/WH ⊖
        └──────────┴──────────────────────┘
  0        2,5         8,0 ⊕
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last change: Jul 28, 2014