SIEMENS

Product data sheet   **3SE5115-1RV10-1AF2**

SAFETY POS. SWITCH W. SEPARATE ACTUATOR,
METAL ENCLOSURE,40MM, EN 50041;
1X(M20X1.5) SLOW-ACTION CONTACTS 1NO/1NC W/2
LEDS 24VDC YELLOW/GREEN AND CONNECTOR 6+PE
TO EN43651,
PLASTIC;
MAX.24V, 6A;
1NO/1NC AND PE CONNECTED PIN
ASSIGNMENT:PIN1=21,PIN2=22,
PIN3=13 AND LED GREEN,
PIN4=14 AND LED YELLOW,
PIN5 = NOT CONNECTED, PIN6=GROUND LED,
SUITABLE CABLE BOX 3SY3123

General technical details:		
product designation		position switch with separate actuator
Type of voltage / of the supply voltage		
• of the optional LED display		DC
Insulation voltage		
• rated value	V	250
Degree of pollution		class 3
Thermal current	A	6
Operating current		
• at DC-13		
• at 24 V / rated value	A	3
Continuous current		
• of the slow DIAZED fuse link	A	6
• of the quick DIAZED fuse link	A	6
• of the C characteristic circuit breaker	A	1
Mechanical operating cycles as operating time		
• typical		1,000,000
Electrical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical		1,000,000

Electrical operating cycles in one hour		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6,000
Repeat accuracy	mm	0.05
Design of the contact element		slow-action contacts
Number of NC contacts		
• for auxiliary contacts		1
Design of the switching function		positive opening
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 … +60
• during storage	°C	-40 … +90
Product specification		
• for dimensions		EN 50041
Width of the sensor	mm	40
material		
• of the housing		metal
Material / of the housing / of the switch head		metal
Design of the operating mechanism		5 directions of approach
Actuating speed	mm/s / m/s	0.4 … 0.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP65
Built in orientation		any
Cable gland version		plug, 6-pole + PU, according to EN 43651
Design of the electrical connection		plug, 6-pole + PU, according to EN 43651
Design of the plug-in connection		plug, 6-pole + PU: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13/LED green, Pin 4 = 14/LED yellow, Pin 5 = not assigned, Pin 6 = ground LED, PU connected
Item designation		
• according to DIN 40719 extendable after IEC 204-2		S
• according to DIN EN 61346-2		B

Certificates/approvals:

General Product Approval			Functional Safety / Safety of Machinery	Declaration of Conformity
	UL	VDE		CE EG-Konf.

other

[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/3SE5115-1RV10-1AF2/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5115-1RV10-1AF2

32

32

20.6

12.5

78

60

61

30

⌀5.3

M20x1.5

□□□

2

26

M26x1.5

30

40.5

36.5

16.3

15.3

37.3

last change: Mar 24, 2012