## **SIEMENS**

Data sheet 3SE5212-0MC05



position switch metal enclosure according to DIN EN 50047, 31 mm device connection 1 x (M20 x 1.5) 1 NO/2 NC slow-action contacts with make-before-break rounded plunger form B

product type designation product type designation of the supplied switching contacts of the supplied empty enclosure with cover suitability for use safety switch of the supplied empty enclosure with cover suitability for use safety switch Yes  Ceneral technical data product function positive opening insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value according to IEC 60068-2-27 yibration resistance according to IEC 60068-2-27 wibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current material of the enclosure of the switch head metal reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the C characteristic MCB continuous current of the DIAZED fuse link gG active principle repeat accuracy JUD 2006 WHO 2006 WH	product brand name	SIRIUS
manufacturer's article number  • of the supplied switching contacts • of the supplied empty enclosure with cover  suitability for use safety switch  Yes  Ceneral technical data  product function positive opening Insulation voltage rated value 250 V degree of pollution class 3  surge voltage resistance rated value 4 kV  protection class IP shock resistance • according to IEC 60068-2-27 30g / 11 ms  vibration resistance • according to IEC 60068-2-27 30g / 11 ms  vibration resistance • according to IEC 60068-2-27 30g / 11 ms  vibration resistance • according to IEC 60068-2-27 10 00000  electrical endurance (operating cycles) typical 15 000 0000  electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current 10 A  material of the enclosure of the switch head metal  reference code according to IEC 81346-2 B  continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link G  continuous current of the DIAZED fuse link G  continuous current of the DIAZED fuse link G  scitus principle repeat accuracy 0.05 mm  Substance Prohibitance (Date) 7/01/2006  SYHC substance name Iminimum actuating force in directions of actuation length of the sensor 75.7 mm width of the sensor 75.7 mm width of the sensor 31 mm  Ambient conditions ambient temperature • during operation • during operation • during storage 40 +90 °C explosion protection category for dust design of the switching contact	product designation	Mechanical position switches
of the supplied switching contacts     of the supplied empty enclosure with cover     35E5212-DAC05  suitability for use safety switch  Ceneral technical data  product function positive opening     yes insulation voltage rated value     250 V degree of pollution     class 3 surge voltage resistance rated value     yerotection class IP shock resistance     * according to IEC 60068-2-27     30g / 11 ms  vibration resistance     * according to IEC 60068-2-27     30g / 11 ms  vibration resistance     * according to IEC 60068-2-6     according to IEC 60068-2-8     mechanical service life (operating cycles) typical     lelectrical endurance (operating cycles) typical     steep in the enclosure of the switch head     reference code according to IEC 81348-2     B continuous current of the C characteristic MCB     continuous current of the Quize Diase link gG     active principle     repeat accuracy     0.05 mm Substance Prohibitance (Date)     37/01/2006 SYHC substance name     minimum actuating force in directions of actuation     length of the sensor     4mblent conditions     amblent temperature     • during operation     • during operation     • during operation     • during operation     • during storage     dust yes in the sensor     during of the switching contact     mechanical     mechanical     mechanical     report accuracy     100 N	product type designation	3SE5
of the supplied empty enclosure with cover     suitability for use safety switch     Yes  Ceneral technical data  product function positive opening     Yes  insulation voltage rated value     degree of pollution     class 3     surge voltage resistance rated value     4 kV  protection class IP     shock resistance     * according to IEC 60068-2-77     30g / 11 ms  vibration resistance     * according to IEC 60068-2-8     mechanical service life (operating cycles) typical     electrical endurance (operating cycles) at AC-15 at 230 V     typical     thermal current     10 A     material of the enclosure of the switch head     metal     reference code according to IEC 81346-2     B     continuous current of the C characteristic MCB     1 A; for a short-circuit current smaller than 400 A     continuous current of the Quick DIAZED fuse link gG     active principle     mechanical     repeat accuracy     0.05 mm     Substance Prohibitance (Date)     3VHC substance name     minimum actuating force in directions of actuation     length of the sensor     31 mm     Ambient conditions     ambient temperature     • during operation     • during storage     dustive principle     during storage     • during storage     40 +90 °C     explosion protection category for dust     design of the switching contact	manufacturer's article number	
suitability for use safety switch  Ceneral technical data product function positive opening insulation voltage rated value  250 V  degree of pollution  class 3  surge voltage resistance rated value  4 kV  protection class IP shock resistance  • according to IEC 60068-2-27  vibration resistance  • according to IEC 60068-2-6  mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current  10 A material of the enclosure of the switch head metal reference code according to IEC 81346-2  continuous current of the C characteristic MCB  1 A; for a short-circuit current smaller than 400 A  continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link gG  active principle mechanical repeat accuracy 0.05 mm  Substance Prohibitance (Date)  SVHC substance Prohibitance (Date)  To,701/2006  SVHC substance name minimum actuating force in directions of actuation length of the sensor width of the sensor width of the sensor anbient conditions  ambient temperature  4 during storage explosion protection category for dust design of the switching contact  mechanical mechanical  repeat accuracy 0.05 mm  substance Prohibitance (Date) 07/01/2006  25 +85 °C  40 +90 °C  explosion protection category for dust none design of the switching contact  mechanical	<ul> <li>of the supplied switching contacts</li> </ul>	3SE5000-0MA00
Separate technical data   Product function positive opening   Yes	<ul> <li>of the supplied empty enclosure with cover</li> </ul>	3SE5212-0AC05
product function positive opening Yes insulation voltage rated value 250 V degree of pollution class 3 surge voltage resistance rated value 4 kV protection class IP IP66/IP67 shock resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance • according to IEC 60068-2-6 0,35 mm/5g mechanical service life (operating cycles) typical 15 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical 100 000 telectrical endurance (operating cycles) at AC-15 at 230 V typical 100 000 typical 100 000 typical 100 000 continuous current of the Switch head metal reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link G A active principle mechanical repeat accuracy 0,05 mm Substance Prohibitance (Date) 0,701/2006 SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 75.7 mm width of the sensor 31 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage explosion protection category for dust design of the switching contact mechanical	suitability for use safety switch	Yes
insulation voltage rated value  degree of pollution  class 3  surge voltage resistance rated value  4 kV  protection class IP  shock resistance  according to IEC 60068-2-27  30g / 11 ms  vibration resistance  according to IEC 60068-2-6  mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current  10 A  material of the enclosure of the switch head metal reference code according to IEC 81346-2  B continuous current of the C characteristic MCB  1 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link gG  active principle mechanical repeat accuracy  Substance Prohibitance (Date)  SVHC substance name minimum actuating force in directions of actuation length of the sensor  Ambient conditions ambient temperature  during operation  -25 +85 °C  40 uring storage  explosion protection category for dust design of the switching contact  mechanical mechanical  repeat accuracy  31 mm  Ambient conditions  mechanical mechanical mechanical mechanical mechanical mechanical mechanical mediazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N  4 more conditions ambient temperature  during operation  -25 +85 °C  40 +90 °C  explosion of the switching contact  mechanical	General technical data	
degree of pollution class 3 surge voltage resistance rated value 4 kV protection class IP IP66/IP67 shock resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance • according to IEC 60068-2-6 0.35 mm/5g mechanical service life (operating cycles) typical 15 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical 15 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical 15 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical 16 metal current 10 A material of the enclosure of the switch head metal reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the Quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 0.70/12006 SVHC substance name Imidazolidin-2-thion - 96-45-7 mminimum actuating force in directions of actuation 20 N length of the sensor 75.7 mm width of the sensor 31 mm Ambient conditions ambient temperature - during operation - 25 +85 °C - 40 +90	product function positive opening	Yes
surge voltage resistance rated value 4 kV protection class IP IP66/IP67 shock resistance	insulation voltage rated value	250 V
protection class IP	degree of pollution	class 3
shock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6  mechanical service life (operating cycles) typical  electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current  material of the enclosure of the switch head  reference code according to IEC 81346-2  continuous current of the C characteristic MCB  continuous current of the quick DIAZED fuse link  continuous current of the DIAZED fuse link  continuous current of the DIAZED fuse link gG  active principle  repeat accuracy  30g / 11 ms  30g / 11 ms  10 0 000  100 000	surge voltage resistance rated value	4 kV
according to IEC 60068-2-27  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current  10 A material of the enclosure of the switch head reference code according to IEC 81346-2  continuous current of the C characteristic MCB  continuous current of the quick DIAZED fuse link continuous current of the pluAZED fuse link continuous current of the DIAZED fuse link gG active principle repeat accuracy  Substance Prohibitance (Date)  SYHC substance name minimum actuating force in directions of actuation length of the sensor  Ambient conditions  ambient temperature  during operation  -25 +85 °C  during storage  40 +90 °C  explosion protection category for dust mechanical	protection class IP	IP66/IP67
vibration resistance	shock resistance	
according to IEC 60068-2-6     mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current     10 A material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link G 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date)  SYHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 75.7 mm width of the sensor 31 mm Ambient conditions ambient temperature e during operation e during storage e vulning storage explosion protection category for dust design of the switching contact mechanical mechanical mechanical mechanical	• according to IEC 60068-2-27	30g / 11 ms
mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current  10 A material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG 6 A active principle mechanical repeat accuracy Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 31 mm Ambient conditions ambient temperature e during operation e during storage 40 +90 °C explosion protection category for dust design of the switching contact  10 A metal 10 A0 metal 11 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 20 A  active principle mechanical  70 A) 10 A; for a short-circuit current smaller than 400 A 20 A 20 S mechanical  10 A; for a short-circuit current smaller than 400 A 20 A 20 S mechanical  20 N 20	vibration resistance	
electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current  material of the enclosure of the switch head  reference code according to IEC 81346-2  B  continuous current of the C characteristic MCB  continuous current of the quick DIAZED fuse link  continuous current of the puick DIAZED fuse link gG  active principle  repeat accuracy  Substance Prohibitance (Date)  SYHC substance name  Imidazolidin-2-thion - 96-45-7  minimum actuating force in directions of actuation  length of the sensor  Ambient conditions  ambient temperature  e during operation  event of the switching contact  10 A  metal  10 A  10 A  metal  10 A  metal  10 A  10	according to IEC 60068-2-6	0.35 mm/5g
thermal current  thermal current  material of the enclosure of the switch head  reference code according to IEC 81346-2  continuous current of the C characteristic MCB  tontinuous current of the quick DIAZED fuse link  continuous current of the quick DIAZED fuse link  tontinuous current of the DIAZED fuse link  continuous current of the DIAZED fuse link gG  active principle  mechanical  repeat accuracy  Substance Prohibitance (Date)  SVHC substance name  Imidazolidin-2-thion - 96-45-7  minimum actuating force in directions of actuation  length of the sensor  width of the sensor  75.7 mm  width of the sensor  31 mm  Ambient conditions  ambient temperature  • during operation  • during storage  explosion protection category for dust  design of the switching contact  mechanical	mechanical service life (operating cycles) typical	15 000 000
material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 75.7 mm width of the sensor 31 mm  Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust design of the switching contact mechanical		100 000
reference code according to IEC 81346-2  continuous current of the C characteristic MCB  continuous current of the quick DIAZED fuse link  continuous current of the quick DIAZED fuse link  continuous current of the DIAZED fuse link gG  active principle  mechanical  repeat accuracy  0.05 mm  Substance Prohibitance (Date)  SVHC substance name  Imidazolidin-2-thion - 96-45-7  minimum actuating force in directions of actuation  length of the sensor  width of the sensor  75.7 mm  width of the sensor  Ambient conditions  ambient temperature  o during operation  other in the sensor for the protection category for dust design of the switching contact  mechanical  1 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current	thermal current	10 A
continuous current of the C characteristic MCB  continuous current of the quick DIAZED fuse link  continuous current of the quick DIAZED fuse link  continuous current of the DIAZED fuse link gG  active principle  mechanical  repeat accuracy  Substance Prohibitance (Date)  SVHC substance name  Imidazolidin-2-thion - 96-45-7  minimum actuating force in directions of actuation  length of the sensor  width of the sensor  31 mm  Ambient conditions  ambient temperature  o during operation  o during storage  explosion protection category for dust  design of the switching contact  1 A; for a short-circuit current smaller than 400 A  10 A; for	material of the enclosure of the switch head	metal
continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 SVHC substance name limitazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor width of the sensor 31 mm  Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust design of the switching contact mechanical	reference code according to IEC 81346-2	В
continuous current of the DIAZED fuse link gG  active principle  repeat accuracy  Substance Prohibitance (Date)  SVHC substance name  Imidazolidin-2-thion - 96-45-7  minimum actuating force in directions of actuation  length of the sensor  75.7 mm  width of the sensor  31 mm  Ambient conditions  ambient temperature  • during operation  • during storage  • during storage  explosion protection category for dust  design of the switching contact  mechanical	continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
active principle repeat accuracy 0.05 mm  Substance Prohibitance (Date) 07/01/2006 SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 75.7 mm width of the sensor 31 mm  Ambient conditions  ambient temperature • during operation • during storage e during storage explosion protection category for dust design of the switching contact  mechanical	continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
repeat accuracy  Substance Prohibitance (Date)  SVHC substance name  Imidazolidin-2-thion - 96-45-7  minimum actuating force in directions of actuation  length of the sensor  75.7 mm  width of the sensor  Ambient conditions  ambient temperature  • during operation  • during storage  -40 +90 °C  explosion protection category for dust  design of the switching contact  0.05 mm  07/01/2006  20 N  75.7 mm  31 mm  -25 +85 °C  -40 +90 °C  explosion protection category for dust  none  mechanical	continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date)  SVHC substance name  Imidazolidin-2-thion - 96-45-7  minimum actuating force in directions of actuation  20 N  length of the sensor  75.7 mm  width of the sensor  31 mm  Ambient conditions  ambient temperature  • during operation  • during storage  -40 +90 °C  explosion protection category for dust  design of the switching contact  mechanical	active principle	mechanical
SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 75.7 mm width of the sensor 31 mm  Ambient conditions ambient temperature  • during operation -25 +85 °C  • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	repeat accuracy	0.05 mm
minimum actuating force in directions of actuation  length of the sensor  75.7 mm  width of the sensor  31 mm  Ambient conditions  ambient temperature  • during operation  • during storage  • during storage  explosion protection category for dust  design of the switching contact  20 N  75.7 mm  75.7 mm  -25 +85 °C  -40 +90 °C  explosion protection category for dust  mechanical	Substance Prohibitance (Date)	07/01/2006
length of the sensor  width of the sensor  31 mm  Ambient conditions  ambient temperature  • during operation  • during storage  explosion protection category for dust  design of the switching contact  75.7 mm	SVHC substance name	Imidazolidin-2-thion - 96-45-7
width of the sensor  Ambient conditions  ambient temperature  • during operation  • during storage  • during storage  explosion protection category for dust  design of the switching contact  and  31 mm  -25 +85 °C  -40 +90 °C  explosion protection category for dust  mechanical	minimum actuating force in directions of actuation	20 N
Ambient conditions  ambient temperature  • during operation  • during storage  • during storage  • and an explosion protection category for dust  design of the switching contact  • during storage  -40 +90 °C  explosion protection category for dust  mechanical	length of the sensor	75.7 mm
ambient temperature	width of the sensor	31 mm
<ul> <li>during operation</li> <li>-25 +85 °C</li> <li>during storage</li> <li>-40 +90 °C</li> <li>explosion protection category for dust</li> <li>design of the switching contact</li> <li>mechanical</li> </ul>	Ambient conditions	
• during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	ambient temperature	
explosion protection category for dust none design of the switching contact mechanical	during operation	
design of the switching contact mechanical	during storage	-40 +90 °C
	explosion protection category for dust	none
operating frequency rated value 50 60 Hz	design of the switching contact	mechanical
	operating frequency rated value	50 60 Hz

number of NO contacts for auxiliary contacts         1           opporational current at AC-15         6 A           • at 24 V rated value         6 A           • at 240 V rated value         6 A           • at 240 V rated value         4 A           • at 400 V rated value         3 A           • at 24 V rated value         0.55 A           • at 250 V rated value         0.55 A           • at 250 V rated value         0.27 A           • at 400 V rated value         0.12 A           • at 400 V rated value         0.12 A           • at 250 V rated value         0.27 A           • at 450 V rated value         0.12 A           • besign of the housing         block, narrow           material of the enclosure         cathodic dip coating           design of the housing according to standard         Yes           Drive Head         Ves           dosign of the actuating element         Rounded plunger, plastic plunger           standard-compliant actuator head         EN 50047, design B           shape of the switch head         rounded           design of the switch ing function         positive opening           circuit principle         slow-action contacts           unwher of switching contacts safety-related         2		
operational current at AC-15  at 24 V rated value at 124 OV rated value at 240 V rated value at 400 V rated value at 25 V rated value at 25 V rated value at 250 V rated value at 250 V rated value be at 250 V rated value at 250 V rated value be at 250 V rated value at 260 V rated value be at 400 V rated va	number of NC contacts for auxiliary contacts	2
• at 24 V rated value 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6		1
• at 120 V rated value • at 240 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 125 V rated value • at 125 V rated value • at 125 V rated value • at 400 V rated value • besign of the housing  material of the enclosure  design of the enclosure  metal coating of the enclosure  design of the switching element  standard-compliant actuator head shape of the switch head rounded design of the switching function circuit principle circuit principle solv-action contacts  unuber of switching contacts safety-related  2 cable entry type  1x (M20 x 1.5)  installation mounting dimensions  mounting position sare installation mounting in the contaction type of electrical connection type of electrical connection type of electrical connection type of electrical connection  **Solid** **finely stranded with core end processing **for AWC cables solid **for AWC cables stranded  design of the interface to without  without  ###################################	•	
• at 240 V rated value         4 A           • at 400 V rated value         4 A           operational current at DC-13         - at 24 V rated value           • at 25 V rated value         0.55 A           • at 250 V rated value         0.12 A           • at 400 V rated value         0.12 A           e scill the enclosure         metal           coating of the enclosure         cathodic dip coating           design of the actuating element         Rounded plunger, plastic plunger		
■ at 400 V rated value		
at 24 V rated value 3 A   at 125 V rated value 0.55 A   at 250 V rated value 0.27 A   at 250 V rated value 0.12 A   Enclosure  Enclosure  Electrical of the housing of the housing material of the enclosure action of the housing of the enclosure action of the housing according to standard by East Of the south of the enclosure action of the housing according to standard by East Office of the south of the enclosure action of the south office of the enclosure action of the south office of the enclosure action of the south office of the enclosure action office of the enclosure action of the enclosure acti		
at 24 V rated value at 125 V rated value at 250 V rated value at 250 V rated value at 250 V rated value at 400 V rated value at 400 V rated value block, narrow  material of the housing material of the enclosure design of the housing according to standard  Pres  Drive Head  design of the actuating element standard-compliant actuator head shape of the switching function circuit principle shape of the switching function circuit principle number of switching contacts safety-related cable entry type  1x (M20 x 1.5)  Installation/ mounting/ dimensions  mounting position  screw fixing  type of electrical connection  screw fixing  for AWG cables solid for AWG cables stranded  design of the interface on without  without  subtoch	at 400 V rated value	4 A
• at 125 V rated value • at 250 V rated value • at 250 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value  design of the housing material of the enclosure  design of the enclosure  design of the housing according to standard  Ves  Drive Head  design of the actuating element standard-compliant actuator head shape of the switch head design of the switch head rounded design of the switching function circuit principle number of switching contacts safety-related  cable entry type installation/ mounting/ dimensions  stateling method  connections/ Terminals  type of electrical connection type of connectable conductor cross-sections  • solid • fire/ W/G cables stranded  design of the interface  design of the interface  without  communication/ Protocol  design of the interface  without	operational current at DC-13	
• at 250 V rated value • at 400 V rated value • at 400 V rated value    Sectionary	at 24 V rated value	3 A
esign of the housing block, narrow metal coating of the enclosure metal of the enclosure coating of the enclosure design of the housing according to standard Yes  Drive Head  design of the actuating element Rounded plunger, plastic plunger standard-compliant actuator head EN 50047, design B shape of the switch head rounded design of the switching function positive opening circuit principle slow-action contacts number of switching contacts safety-related 2 cable entry type switching dimensions  mounting position any screw fixing  Connections/ Terminals  type of connectable conductor cross-sections solid in finely stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • for AWG cables stranded (design of the interface for safety-related communication without  Communication/ Protocol  design of the interface without	at 125 V rated value	0.55 A
Design of the housing   Design of the housing   Design of the housing   Design of the enclosure   Design of the enclosure   Design of the enclosure   Design of the housing according to standard   Yes   Drive Head	• at 250 V rated value	0.27 A
design of the housing block, narrow metal coating of the enclosure cathodic dip coating design of the housing according to standard Yes  Drive Head  design of the actuating element Rounded plunger, plastic plunger standard-compliant actuator head EN 50047, design B shape of the switching function positive opening circuit principle slow-action contacts number of switching contacts safety-related 2 cable entry type 1x (M20 x 1.5) Installation/ mounting/ dimensions  mounting position any fastening method screw-type terminals type of electrical connection type of connectable conductor cross-sections • solid 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) • finely stranded with core end processing 1x (20 16), 2x (20 18) • for AWG cables stranded design of the interface without	• at 400 V rated value	0.12 A
material of the enclosure coating of the enclosure design of the housing according to standard  Yes  Drive Head  design of the actuating element standard-compliant actuator head shape of the switch head rounded design of the switching function circuit principle slow-action contacts number of switching contacts safety-related cable entry type 1x (M20 x 1.5) Installation/ mounting/ dimensions  mounting position fastening method  connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections • solid • for AWG cables solid • for AWG cables stranded design of the interface for safety-related communication  continued on the suitching contact safety-related 2 cable entry type 1x (M20 x 1.5)  any screw-type terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections • solid • for AWG cables stranded 1x (20 1.5 mm²), 2x (0.5 0.75 mm²) • for AWG cables stranded 1x (20 16), 2x (20 18)  design of the interface for safety-related communication  without	Enclosure	
coating of the enclosure  design of the housing according to standard  Prive Head  design of the actuating element standard-compliant actuator head shape of the switch head  design of the switching function circuit principle number of switching contacts safety-related  cable entry type  installation/ mounting/ dimensions  mounting position fastening method  connections/ Terminals  type of electrical connection  screw-type terminals  type of connectable conductor cross-sections  • solid • for AWG cables stranded  design of the interface  cathodic dip coating  Rounded plunger, plastic plunger  EN 50047, design B  Shounded plunger, plastic plunger  EN 50047, design B  Shounded  EN 50047, design B  Slow-action contacts  1x (M20 x 1.5)  any  fastening contacts safety-related  2 cable entry type  1x (M20 x 1.5)  any  fastening method  screw fixing  Connections/ Terminals  type of electrical connection  screw-type terminals  type of connectable conductor cross-sections  • solid  1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • for AWG cables stranded  1x (20 16), 2x (20 18)  design of the interface for safety-related communication  communication/ Protocol  design of the interface  without	design of the housing	block, narrow
design of the housing according to standard  Drive Head  design of the actuating element  standard-compliant actuator head  shape of the switch head  design of the switching function  circuit principle  number of switching contacts safety-related  able entry type  number of switching function  fastening method  connections/ Terminals  type of electrical connection  soriew-type deterrical connection  e finely stranded with core end processing  of or AWG cables stranded  design of the interface  without  Communication/ Protocool  design of the interface  without	material of the enclosure	metal
design of the actuating element standard-compliant actuator head shape of the switch head design of the switching function circuit principle number of switching contacts safety-related 2 locable entry type 1x (M20 x 1.5) Installation/ mounting/ dimensions mounting position fastening method connections/ Terminals  type of connectable conductor cross-sections • solid • finely stranded with core end processing • for AWG cables stranded design of the interface for safety-related communication  Communication/ Protocol design of the interface without	coating of the enclosure	cathodic dip coating
design of the actuating element standard-compliant actuator head shape of the switch head rounded design of the switching function positive opening circuit principle slow-action contacts number of switching contacts safety-related 2 cable entry type 1x (M20 x 1.5) Installation/ mounting/ dimensions mounting position fastening method connections/ Terminals type of electrical connection solid finely stranded with core end processing for AWG cables solid for AWG cables stranded design of the interface without	design of the housing according to standard	Yes
standard-compliant actuator head EN 50047, design B shape of the switch head rounded design of the switching function positive opening circuit principle slow-action contacts number of switching contacts safety-related 2 cable entry type 1x (M20 x 1.5) Installation/ mounting/ dimensions mounting position any fastening method screw fixing  Connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections  • solid 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) • finely stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) • for AWG cables solid 1x (20 16), 2x (20 18) • for AWG cables stranded 1x (20 16), 2x (20 18) design of the interface without	Drive Head	
shape of the switch head  design of the switching function  circuit principle  slow-action contacts  number of switching contacts safety-related  2  cable entry type  1x (M20 x 1.5)  Installation/ mounting/ dimensions  mounting position  fastening method  connections/ Terminals  type of electrical connection  screw-type terminals  type of connectable conductor cross-sections  solid  finely stranded with core end processing  for AWG cables solid  for AWG cables stranded  design of the interface for safety-related communication  conmunication/ Protocol	design of the actuating element	Rounded plunger, plastic plunger
design of the switching function  circuit principle  number of switching contacts safety-related  cable entry type  1x (M20 x 1.5)  Installation/ mounting/ dimensions  mounting position  fastening method  connections/ Terminals  type of electrical connection  screw-type terminals  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing  • for AWG cables solid  • for AWG cables stranded  design of the interface  design of the interface  without	standard-compliant actuator head	EN 50047, design B
circuit principle slow-action contacts  number of switching contacts safety-related 2 cable entry type 1x (M20 x 1.5)  Installation/ mounting/ dimensions  mounting position any fastening method screw fixing  Connections/ Terminals  type of electrical connection type of connectable conductor cross-sections • solid solid finely stranded with core end processing for AWG cables solid for AWG cables stranded for AWG cables stranded type of the interface without  slow-action contacts  2 1x (M20 x 1.5) 1x (M20 x 1.5 mm²) 2x (0.5 0.75 mm²) 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) 1x (20 16), 2x (20 18) 4x (20 16), 2x (20 18)	shape of the switch head	rounded
number of switching contacts safety-related 2  cable entry type 1x (M20 x 1.5)  Installation/ mounting/ dimensions  mounting position any fastening method screw fixing  Connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections  • solid 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • finely stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • for AWG cables solid 1x (20 16), 2x (20 18)  • for AWG cables stranded 1x (20 16), 2x (20 18)  design of the interface for safety-related communication without  Communication/ Protocol  design of the interface without	design of the switching function	positive opening
cable entry type  Installation/ mounting/ dimensions  mounting position any fastening method screw fixing  Connections/ Terminals  type of electrical connection type of connectable conductor cross-sections  • solid  1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • finely stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • for AWG cables solid 1x (20 16), 2x (20 18)  • for AWG cables stranded 1x (20 16), 2x (20 18)  design of the interface for safety-related communication  without	circuit principle	slow-action contacts
mounting position fastening method screw fixing  Connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections solid solid solid 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) finely stranded with core end processing for AWG cables solid for AWG cables stranded solid	number of switching contacts safety-related	2
mounting position fastening method screw fixing  Connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections  • solid 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) • finely stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) • for AWG cables solid 1x (20 16), 2x (20 18) • for AWG cables stranded 1x (20 16), 2x (20 18)  design of the interface for safety-related communication  Communication/ Protocol  design of the interface without	cable entry type	1x (M20 x 1.5)
fastening method screw fixing  Connections/ Terminals  type of electrical connection screw-type terminals  type of connectable conductor cross-sections  • solid 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • finely stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • for AWG cables solid 1x (20 16), 2x (20 18)  • for AWG cables stranded 1x (20 16), 2x (20 18)  design of the interface for safety-related communication without  Communication/ Protocol  design of the interface without	Installation/ mounting/ dimensions	
type of electrical connection  screw-type terminals  type of connectable conductor cross-sections  solid  solid  1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  finely stranded with core end processing  for AWG cables solid  for AWG cables stranded  1x (20 16), 2x (20 18)  for AWG cables stranded  1x (20 16), 2x (20 18)  design of the interface for safety-related communication  without  Communication/ Protocol  design of the interface  without	mounting position	any
type of electrical connection  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing  • for AWG cables solid  • for AWG cables stranded  •	fastening method	screw fixing
type of connectable conductor cross-sections  • solid  1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • finely stranded with core end processing  1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)  • for AWG cables solid  1x (20 16), 2x (20 18)  • for AWG cables stranded  1x (20 16), 2x (20 18)  design of the interface for safety-related communication  Communication/ Protocol  design of the interface  without	Connections/ Terminals	
<ul> <li>solid</li> <li>1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)</li> <li>finely stranded with core end processing</li> <li>1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)</li> <li>for AWG cables solid</li> <li>for AWG cables stranded</li> <li>1x (20 16), 2x (20 18)</li> <li>for AWG cables stranded</li> <li>1x (20 16), 2x (20 18)</li> <li>design of the interface for safety-related communication</li> <li>without</li> </ul> Communication/ Protocol Without	type of electrical connection	screw-type terminals
<ul> <li>finely stranded with core end processing</li> <li>for AWG cables solid</li> <li>for AWG cables stranded</li> <li>for AWG cables stranded</li> <li>tx (20 16), 2x (20 18)</li> <li>design of the interface for safety-related communication</li> <li>without</li> </ul> Communication/ Protocol Without	type of connectable conductor cross-sections	
for AWG cables solid         1x (20 16), 2x (20 18)         for AWG cables stranded         1x (20 16), 2x (20 18)  design of the interface for safety-related communication  without  Communication/ Protocol  design of the interface  without	• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
• for AWG cables stranded  1x (20 16), 2x (20 18)  design of the interface for safety-related communication  without  Communication/ Protocol  design of the interface  without	<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
design of the interface for safety-related communication without  Communication/ Protocol  design of the interface without	• for AWG cables solid	1x (20 16), 2x (20 18)
Communication/ Protocol  design of the interface without	• for AWG cables stranded	1x (20 16), 2x (20 18)
design of the interface without	design of the interface for safety-related communication	without
-	Communication/ Protocol	
-	design of the interface	without

General Product Approval



Confirmation





<u>KC</u>



Functional Safety/Safety of Machinery

**Declaration of Conformity** 

**Test Certificates** 

other

Type Examination Certificate





Type Test Certificates/Test Report

Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

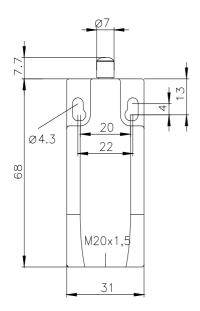
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5212-0MC05

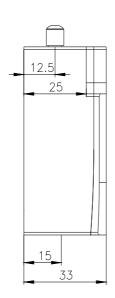
Cax online generator

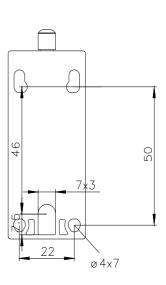
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5212-0MC05

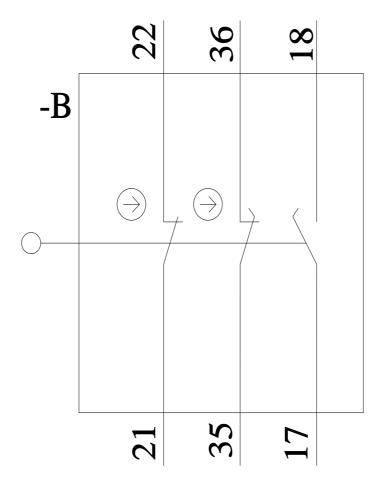
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5212-0MC05&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5212-0MC05&lang=en</a>









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