## SIEMENS

## Data sheet

## US2:52SC6GZJ2K1

Metal, keyed selector switch Spring return from right 1NC+1NO left, 1NC right position ,G Cam Key type 501CH (standard) Key removable center and left Complete device UL file E22655 in Vol. 6 (7) Sec. 13 (2)



product brand name         SIEMENS Pilot Devices           design of the product         Complete unit round           Enclosure         1           delivery state as a kit         No           Actuator         Gesign of the actuating element         Key-operated switch           product extension optional light source         No           color of the actuating element         silver           material of the actuating element         metal           number of contact modules         3           type of unlocking device         key unlatching           number of switching positions         3           switch position for key distraction         left & center           lock make         ILLINOIS           key number         5001CH           Front ring         Yes           design of the front ring         Yes           design of the front ring         metal           color of the front ring         Yes           product component front ring         Yes           design of the front ring         metal           color of the front ring         Yes           product function positive oppoing         Yes           product component fight source         No           loker         00 V </th <th></th> <th></th>		
Enclosure         1           number of command points         1           delivery state as a kit         No           Actuator         Mo           design of the actuating element         Key-operated switch           product extension optional light source         No           color of the actuating element         metal           number of contact modules         3           type of unlocking device         key unlatching           number of switch hogitosions         3           switch position for key distraction         left & center           lock make         ILLINOIS           key unatching         general           product extended         general           product component front ring         feat and           general technical data         general           product function positive opening         Yes           surge of the operating voltage         ACIDC           surge of the operating voltage         <	·	SIEMENS Pilot Devices
number of command points         1           delivery state as a kit         No           Actuator         Gesign of the actuating element         No           product extension optional light source         No         No           color of the actuating element         silver         material of the actuating element         metal           number of contact modules         3         type of unlocking device         key unlatching           number of switching positions         3         switch position for key distraction         left & center           lock make         ILLINOIS         key number         501CH         Front ring           product component front ring         Yes         gediagn of the front ring         delagn           delagn of the holder         Metal         Golo V         degree of pollution         1           type of outget of the operating voltage         AC/DC         surge voltage resistance rated value         4kV           product on positive opening         Yes         product or posaking ovitage         AC/DC           surge voltage resistance rated value         4kV         product or geak-to-peak) max/10g max.         operating frequency maximum           foot ring         ipticate value         4kV         ipticate value         ipticate value	design of the product	Complete unit round
delivery state as a kit       No         Actuator	Enclosure	
Actuator       design of the actualing element       Key-operated switch         product extension optional light source       No         color of the actualing element       metal         number of contact modules       3         type of unlocking device       key unlatching         number of switching positions       3         switch position for key distraction       left & center         lock make       LLLIONIS         key number       501CH         Front ring       metal         product component front ring       Yes         design of the front ring       metal         color of the front ring       chrome         Holder       Metal         General technical data       product component flopt ring         product component light source       No         locking device       Ne         doiling of the population positive opening       Yes         product function positive opening       Yes         product component light source       No         insulation votage rated value       600 V         degree of pollution       1         type of voltage resistance rated value       4kV         protection class IP       IP66         operating frequency max	number of command points	1
design of the actuating element         Key-operated switch           product extension optional light source         No           color of the actuating element         silver           material of the actuating element         metal           number of contact modules         3           type of unlocking device         key unlatching           number of switching positions         3           switch position for key distraction         left & center           lock make         ILLINOIS           key number         501CH           Front ring         yes           product component front ring         standard           material of the front ring         metal           color of the front ring         metal           product function positive opening         Yes           product function resistance rated value         6000 V           degree of	delivery state as a kit	No
product extension optional light source         No           color of the actuating element         silver           material of the actuating element         metal           number of contact modules         3           type of unlocking device         key unlatching           number of switching positions         3           switch position for key distraction         left & center           lock make         ILLINOIS           key number         501CH           Pront ring         Yes           design of the front ring         standard           material of the front ring         metal           color of the front ring         metal           Color of the front ring         chrome           Holder         Metal           Coheral technical data	Actuator	
color of the actualing element       silver         material of the actualing element       metal         number of contact modules       3         type of unlocking device       key unlatching         number of switching positions       3         switch position for key distraction       left & center         lock make       ILLINOIS         key number       501CH         Front ring       Yes         gesign of the front ring       standard         material of the front ring       metal         color of the front ring       metal         color of the front ring       chrome         Holder       metal         general technical data       general technical data         product function positive opening       Yes         product function positive openi	design of the actuating element	Key-operated switch
material of the actuating element     metal       number of contact modules     3       type of unlocking device     key unlatching       number of switching positions     3       switch position for key distraction     left & center       lock make     ILLINOIS       key number     501CH       product component front ring     Yes       design of the front ring     metal       color of the front ring     metal       color of the front ring     chrome       Holder     Metal       General technical data     metal       product component light source     No       insulation voltage rated value     600 V       degree of pollution     1       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4kV       protection class IP     IP66       of the terminal     IP20       vibration resistance according to IEC 60068-2-6     0 2000 Hz, 1.52 mm displacement (peak-to-peak) max/ 10g max.       operating frequency maximum     600 V       et at AC at 60 Hz rated value     5 600 V       et At C at 60 Hz rated value     5 600 V       et AC at 60 Hz rated value     5 600 V	product extension optional light source	No
number of contact modules       3         type of unlocking device       key unlatching         number of switching positions       3         switch position for key distraction       left & center         lock make       ILLINOIS         key number       501CH         Front ring       product component front ring         product component front ring       Yes         design of the front ring       metal         color of the front ring       chrome         Holder       material of the holder         material of the holder       Metal         General technical data       product function positive opening         product function positive opening       Yes         product functing resistance rated value       600 V     <	color of the actuating element	silver
type of unlocking device       key unlatching         number of switching positions       3         switch position for key distraction       left & center         lock make       ILLINOIS         key number       501CH         Front ring       Yes         design of the front ring       standard         material of the front ring       metal         color of the front ring       chrome         Holder       Metal         General technical data       product component light source         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       02000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 V         • at AC at 60 Hz rated value       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at AC at 60 Hz rated value       5	material of the actuating element	metal
number of switching positions       3         switch position for key distraction       left & center         lock make       ILLINOIS         key number       501CH         Front ring       Yes         design of the front ring       standard         material of the front ring       metal         color of the front ring       chrome         Holder       metal         general technical data       chrome         product function positive opening       Yes         product component light source       No         Insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         e at AC at 60 Hz rated value       <	number of contact modules	3
switch position for key distraction       left & center         lock make       ILLINOIS         key number       501CH         Front ring       product component front ring         material of the front ring       standard         material of the front ring       metal         color of the front ring       chrome         Holder       Metal         General technical data       material of the holder         product function positive opening       Yes         product omponent light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0       2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating requency maximum       600 1/h       thermal current       10 A         operating roltage       5 600 V       600 V         • at AC at 60 Hz rated value       5 600 V       600 V         • at AC at 60 Hz rated value       5 600 V       600 V       60	type of unlocking device	key unlatching
lock make       ILLINOIS         key number       501CH         Front ring       product component front ring         material of the front ring       standard         material of the front ring       metal         color of the front ring       chrome         Holder       Metal         General technical data       product component light source         product function positive opening       Yes         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         product class IP       IP66         of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at AC at 60 Hz rated value       5 600 V	number of switching positions	3
key number       501CH         Front ring       Product component front ring       standard         material of the front ring       standard       metal         color of the front ring       chrome       Holder         Holder       Metal       General technical data       General technical data         product function positive opening       Yes       Yes         product function positive opening       Yes       Yes         product component light source       No       No         insulation voltage rated value       600 V       degree of pollution         type of voltage of the operating voltage       AC/DC       surge voltage resistance rated value         e of the terminal       IP20       vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h       thermal current       10 A         operating roltage       -       -       600 V         e at AC at 60 Hz rated value       5 600 V       -         e at AC at 60 Hz rated value       5 600 V       -         e at AC at 60 Hz rated value       5 600 V       -         e at AC at 60 Hz rated value       5 600 V       -         e at AC at 60 Hz rate	switch position for key distraction	left & center
Front ring       Yes         design of the front ring       standard         material of the front ring       metal         color of the front ring       chrome         Holder       material of the holder         Metal       General technical data         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage rated value       4kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V         • at DC rated value       5 600 V	lock make	ILLINOIS
product component front ring       Yes         design of the front ring       standard         material of the front ring       metal         color of the front ring       chrome         Holder       material of the holder         material of the holder       Metal         General technical data       groduct function positive opening         product function positive opening       Yes         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V         • at DC rated value       5 600 V	key number	501CH
design of the front ring       standard         material of the front ring       metal         color of the front ring       chrome         Holder       material of the holder         Material of the holder       Metal         General technical data       material of the holder         product function positive opening       Yes         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	Front ring	
material of the front ring       metal         color of the front ring       chrome         Holder       Metal         General technical data       Metal         product function positive opening       Yes         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V         • at DC rated value       5 600 V	product component front ring	Yes
color of the front ring       chrome         Holder       material of the holder       Metal         General technical data       product function positive opening       Yes         product component light source       No       insulation voltage rated value       600 V         degree of pollution       1       type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV       protection class IP       IP66         • of the terminal       IP20       vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h       1         thermal current       10 A       0         operating voltage       5 600 V       • at AC at 60 Hz rated value         • at DC rated value       5 600 V       • at DC rated value	design of the front ring	standard
Holder       Metal         General technical data       product function positive opening       Yes         product function positive opening       Yes         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	material of the front ring	metal
material of the holder     Metal       General technical data       product function positive opening     Yes       product component light source     No       insulation voltage rated value     600 V       degree of pollution     1       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV       protection class IP     IP66       • of the terminal     IP20       vibration resistance according to IEC 60068-2-6     0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.       operating frequency maximum     600 1/h       thermal current     10 A       operating voltage     5 600 V       • at AC at 60 Hz rated value     5 600 V       • at DC rated value     5 600 V	color of the front ring	chrome
General technical data         product function positive opening       Yes         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	Holder	
product function positive opening       Yes         product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	material of the holder	Metal
product component light source       No         insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	General technical data	
insulation voltage rated value       600 V         degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       5 600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	product function positive opening	Yes
degree of pollution       1         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       -         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	product component light source	No
type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       600 V         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	insulation voltage rated value	600 V
surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage       -         • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V	degree of pollution	1
protection class IP       IP66         • of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage	type of voltage of the operating voltage	AC/DC
• of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage	surge voltage resistance rated value	4 kV
vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         operating frequency maximum       600 1/h         thermal current       10 A         operating voltage	protection class IP	IP66
operating frequency maximum       600 1/h         thermal current       10 A         operating voltage          • at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V         Power Electronics	• of the terminal	IP20
thermal current     10 A       operating voltage     5 600 V       • at AC at 60 Hz rated value     5 600 V       • at DC rated value     5 600 V	vibration resistance according to IEC 60068-2-6	0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.
operating voltage       • at AC at 60 Hz rated value       • at DC rated value       5 600 V       Power Electronics	operating frequency maximum	600 1/h
• at AC at 60 Hz rated value       5 600 V         • at DC rated value       5 600 V         Power Electronics       5 600 V	thermal current	10 A
• at DC rated value 5 600 V Power Electronics	operating voltage	
Power Electronics	• at AC at 60 Hz rated value	5 600 V
	at DC rated value	5 600 V
contact reliability one incorrect switching operation of 100 million switching operations (5 V, 1	Power Electronics	
	contact reliability	one incorrect switching operation of 100 million switching operations (5 V, 1

	mA)
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	1
operational current at AC-15	
• at 110 V rated value	60 A
• at 230 V rated value	30 A
• at 400 V rated value	15 A
• at 500 V rated value	12 A
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections for AWG cables for auxiliary contacts	1x (18 12), 2x (18 16), 2x (16 14), 2x 12
tightening torque of the screws in the bracket	20 N·m
tightening torque [lbf·in] with screw-type terminals	8 lbf-in
Safety related data	
touch protection against electrical shock	finger-safe
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-35 +70 °C
during storage	-40 +85 °C
Installation/ mounting/ dimensions	
shape of the installation opening	round
Certificates/ approvals	
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	
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