

SIEMENS

Product data sheet

6AG1052-2FB00-2BA6



SIPLUS LOGO! 230RCO -40 ... +70 DEGREES C
BASED ON 6ED1052-2FB00-0BA6

Installation type/mounting	
Mounting	on 35 mm DIN rail, 4 spacing units wide
Supply voltage	
115 V DC	Yes
230 V DC	Yes
permissible range, lower limit (DC)	100 V
permissible range, upper limit (DC)	253 V
115 V AC	Yes
230 V AC	Yes
Time of day	
Time switching clocks	
Number	8
Power reserve	80 h
Digital inputs	
Number/binary inputs	8

Digital outputs	
Number/binary outputs	4 ; Relay
Functionality/short-circuit strength	No ; external fusing necessary
Relay outputs	
Switching capacity of contacts	
with inductive load, max.	3 A ; ; 1 A per relay @ > 55 °C; 3 A per relay @ > 55 °C & < 15 s
Switching frequency/contacts/at ohmic load/maximum	10 A ; ; 3 A per relay @ > 55 °C; 10 A per relay @ > 55 °C & < 15 s
EMC	
Emission of radio interference acc. to EN 55 011	
Emission of radio interference acc. to EN 55 011 (limit class B)	Yes
Degree and class of protection	
IP20	Yes
Standards, approvals, certificates	
CSA approval	No
UL approval	Yes ; ; File: E120869 // Tmax = 55 °C
FM approval	No
Marine approval	No
Developed according to IEC 61131	Yes
according to VDE 0631	Yes
Ambient conditions	
Operating temperature	
Min.	-40 °C ; = Tmin
max.	70 °C ; = Tmax; 55 °C @ UL/cUL use
Extended ambient conditions	
Relative to ambient temperature-atmospheric pressure-installation altitude	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m)
Relative humidity	
with condensation / maximum	100 % ; Relative humidity, incl. condensation / frost permitted (no commissioning under condensation conditions)
Resistance	

to biologically active substances / conformity with EN 60721-3-3	Yes ; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!
to chemically active substances / conformity with EN 60721-3-3	Yes ; Class 3C4 incl. salt spray. The supplied connector covers must remain on the unused interfaces during operation!
to mechanically active substances / conformity with EN 60721-3-3	Yes
Dimensions	
Width	72 mm
Height	90 mm
Depth	55 mm
Status	Jul 17, 2012