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Data sheet 6BK1700-2BA30-0AA0



Figure similar

spare part SIPLUS HCS724I Central connection ZA724I Connection to PROFIBUS DP 12 Mbaud

General information	
Product type designation	ZA724I
Installation type/mounting	
Mounting type	Screws in fixing lugs at top and bottom
Mounting position	vertical
Type of ventilation	Self ventilation or forced ventilation
Supply voltage	
Type of supply voltage	AC
Rated value (AC)	230 V
Line frequency	
● Rated value 50 Hz	Yes
● Rated value 60 Hz	Yes
● Relative symmetrical tolerance	5 %
Mains buffering	
● Mains/voltage failure stored energy time	20 ms
● Recovery time after power failure, typ.	1 s
Connection method	
● Design of electrical connection for supply voltage	Terminal, 2-pole
— Connectable conductor cross-sections, solid	1x (0.5 ... 2.5 mm²)
— Connectable conductor cross-sections, finely stranded with wire end processing	1x (0.5 ... 2.5 mm²)
— Connectable conductor cross-sections for AWG cables	26 ... 14
Power	
Active power input	35 W
Hardware configuration	
Type of power output connectable	LA724I / LA724I HP / LA724I SSR
Interfaces	
Interfaces/bus type	PROFIBUS DP
PROFIBUS DP	
● Transmission rate, max.	12 Mbit/s
● Design of electrical connection	9-pin sub D socket
Protocols	
PROFIBUS DP	Yes
Interrupts/diagnostics/status information	
Number of status displays	2
LED status display	LED green = status indicator, LED red = fault indicator
Isolation	

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Overvoltage category	III
Degree of pollution	2
EMC	
EMC interference emission	Limit value class A to EN 55011 group 1
Electrostatic discharge acc. to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Field-related interference acc. to IEC 61000-4-3	10 V/m (80 ... 1 000 MHz), 3 V/m (1.4 ... 2.0 GHz), 1 V/m (2.0 ... 2.7 GHz)
Conducted interference due to burst acc. to IEC 61000-4-4	2 kV voltage supply cables / 2 kV signal cables
Conducted interference due to surge acc. to IEC 61000-4-5	On supply lines: 1 kV symmetrical, 2 kV asymmetrical, PROFIBUS cable asymmetrical 1 kV
Conducted interference due to high-frequency radiation acc. to IEC 61000-4-6	10 V (0.15 ... 80 MHz)
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
Certificate of suitability	CE, KCC
CE mark	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
China RoHS compliance	Yes
reference designation according to IEC 81346-2 (2009)	K
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	55 °C
Ambient temperature during storage/transportation	
● Storage, min.	-40 °C
● Storage, max.	70 °C
● Transportation, min.	-40 °C
● Transportation, max.	70 °C
Air pressure acc. to IEC 60068-2-13	
● Operation, min.	860 hPa
● Operation, max.	1 080 hPa
● Storage, min.	660 hPa
● Storage, max.	1 080 hPa
Altitude during operation relating to sea level	
● Installation altitude above sea level, max.	2 000 m
Relative humidity	
● Operation at 25 °C, max.	95 %
Vibrations	
● Vibration resistance during operation acc. to IEC 60068-2-6	10 ... 58 Hz / 0.15 mm, 58 ... 150 Hz / 1 g
● Vibration resistance during storage acc. to IEC 60068-2-6	5 ... 9 Hz / 3.5 mm, 9 ... 500 Hz / 1 g
Shock testing	
● Shock resistance during operation acc. to IEC 60068-2-27	15 g / 11 ms / 3 shocks/axis
● Shock resistance during storage acc. to IEC 60068-2-29	25 g / 6 ms / 1 000 shocks/axis
Dimensions	
Width	50 mm
Height	480 mm
Depth	210 mm

Classifications

	Version	Classification
eClass	16	27-24-40-01
eClass	14	27-24-40-01
eClass	12	27-24-40-01
eClass	9.1	27-24-40-01
eClass	9	27-24-40-01
eClass	8	27-24-26-90

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eClass	7.1	27-24-26-90
eClass	6	27-24-26-90
ETIM	10	EC002982
ETIM	9	EC002982
ETIM	8	EC002982
ETIM	7	EC002982
IDEA	4	3567
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval	EMV







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