Product data sheet
Characteristics

ABE7CPA21
connection sub-base ABE7 - for distribution of 4 analog output channels



Main

Range of product	Modicon ABE7
Product or component type	Connection sub-base for counter and analogue channels
Number of channels	4
Connections - terminals	Screw type terminals, 1 x 0.09...1 x 1.5 mm² (28 AWG...16 AWG) flexible with cable end Screw type terminals, 1 x 0.14...1 x 2.5 mm² (26 AWG...12 AWG) solid Screw type terminals, 1 x 0.14...1 x 2.5 mm² (26 AWG...14 AWG) flexible without cable end Screw type terminals, 2 x 0.09...2 x 0.75 mm² (28 AWG...20 AWG) flexible with cable end Screw type terminals, 2 x 0.2...2 x 2.5 mm² (24 AWG...14 AWG) solid

Complementary

Function of module	Analogue output current, compatible with Premium Analogue output voltage, compatible with Premium
Product compatibility	Premium TSXAEY420 Premium TSXASY410
Connection to PLC	SUB-D 25
Fixing mode	By clips (35 mm symmetrical DIN rail) By screws (solid plate with fixing kit)
[Ui] rated insulation voltage	2000 V terminals/mounting rails
Installation category	II conforming to IEC 60664-1
Tightening torque	0.6 N.M with flat Ø 3.5 mm screwdriver
Net weight	0.18 Kg

Environment

Product certifications	DNV[RETURN]GL[RETURN]CSA[RETURN]UL[RETURN]EAC
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TC
Resistance to incandescent wire	750 °C, extinction time <30 s conforming to IEC 60695-2-11
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	2 gn (f= 10…150 Hz) conforming to IEC 60068-2-6
Resistance to electrostatic discharge	4 KV (contact) level 3 conforming to IEC 61000-4-2 8 KV (air) level 3 conforming to IEC 61000-4-2
Resistance to radiated fields	10 V/M (26000000…1000000000 Hz) conforming to IEC 61000-4-3 level 3
Resistance to fast transients	2 KV level 3 conforming to IEC 61000-4-4
Ambient air temperature for operation	0…60 °C conforming to IEC 61131-2
Ambient air temperature for storage	-40…80 °C conforming to IEC 61131-2
Pollution degree	2 conforming to IEC 60664-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.000 Cm
Package 1 Width	8.300 Cm
Package 1 Length	9.600 Cm
Package 1 Weight	218.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	8.350 Kg

Offer Sustainability

Recyclability potential, in %	6
Total lifecycle Carbon footprint	55 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6.11406503975608
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.03254789170537427
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.05772194837922035
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	48.58680178177649
Carbon footprint of the use phase [B2, B3, B4, B6]	49 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.46928761560410265
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	55
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	11b66df7-80cd-4614-acd8-17183a716ce1
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised