

Product Data Template

Template Category	<b>Controller</b>			
Template Version	a			
Category Description	Saia PCD® modular programmable controllers			
Classification System				
Classification	CPU base units with on-board I/O and for up to 2 plug-in I/O modules			
Suitability for Use	Provisional			
Template Custodian	BCIA			
Information Category	Parameter Name	Value	Units	Notes
<b>Manufacturer Data</b>				
Specifications	Manufacturer	<a href="http://www.saia-pcd.com">Saia-Burgess Controls AG</a>	Text	
Specifications	Manufacturer Website	<a href="http://www.saia-pcd.com">http://www.saia-pcd.com</a>	URL	
Specifications	Product Range	Saia PCD1 modular programmable controllers	Text	
Specifications	Product Model Number	PCD1.M2020	Text	Or Code
Specifications	CE Approval	Yes	Text	Number, Yes, No
Specifications	Product Literature	<a href="http://www.sbc-support.com">http://www.sbc-support.com</a>	URL	
Specifications	Features	PCD1 processor unit web and FTP server, file system, CPU with 512 KByte user program (RAM), backup memory, on-board 8 MByte Flash memory, USB port for PG5, up to 50 I/O, 2 I/O module sockets, on-board I/O : - 2 interrupt inputs, 1 output (PWM) - 12 digital I/O (4I/4O/4 configurable) - 2 analogue inputs (12 bits), clock (RTC), data protection 1-3 years, RS-485 (up to 115 kbits/s), 1 port (socket A) for PCD7.F1xxS	Text	Free text to describe product
<b>Construction Data</b>				
Specifications	Type	Plastic encased electronic device	Text	This is a COBie field, other fields will be required in final PDTs
Specifications	Mounting	2x35 mm DIN hat rail	Text	This is a COBie field, other fields will be required in final PDTs
Specifications	Shape	Rectangle	Text	This is a COBie field, other fields will be required in final PDTs
Specifications	Material	Plastic	Text	This is a COBie field, other fields will be required in final PDTs
Specifications	Colour	White/Blue	Text	This is a COBie field, other fields will be required in final PDTs
Specifications	Finish	Matt	Text	This is a COBie field, other fields will be required in final PDTs
Specifications	Enclosure Rating		Text	IP rating
<b>Application</b>				
Specifications	Reference Standard	UL, BV, DNV, GL, LR, EAC	Text	
Specifications	Certifications	CE	Text	
<b>Dimensional Data</b>				
Specifications	Overall Depth		49.00 mm	Or Diameter. Minimum and maximum lengths available
Specifications	Overall Width		142.00 mm	Minimum and maximum widths available
Specifications	Overall Height		226.00 mm	Minimum and maximum heights available
Specifications	Gross Weight		0.40 kg	Equates to Operating Weight
Specifications	Shipping Weight		kg	Equates to dry weight of unit plus packaging allowance
Specifications	Access Clearance Top		20.00 mm	Access required for maintenance of this item
Specifications	Access Clearance Bottom		20.00 mm	Access required for maintenance of this item
Specifications	Access Clearance Left		0.00 mm	Access required for maintenance of this item
Specifications	Access Clearance Right		0.00 mm	Access required for maintenance of this item
Specifications	Access Clearance Front		20.00 mm	Access required for maintenance of this item
Specifications	Access Clearance Rear		0.00 mm	Access required for maintenance of this item
<b>Performance Data</b>				
Specifications	Ambient Storage Limits Temperature	-40...+70 °C	Degrees C	
Specifications	Ambient Operation Limits Temperature	+0...+55 °C	Degrees C	
Specifications	Ambient Operating Limits Humidity		Percentage	
Specifications	Altitude		sea level	
<b>Electrical Data (if required)</b>				
Specifications	Supply voltage	24 VDC -20%/+25%	Volts	
Specifications	Current consumption		A	
Specifications	Power consumption	typ. 12 W	W	
<b>Controls</b>				
Specifications	On-Board I/Os		18 Number	
Specifications	Max. I/Os		50 Number	
Specifications	Max. Interfaces		7 Number	
<b>Sustainability</b>				
Sustainable Material BREEAM etc	Embodied Carbon		kgCO2	AWAITING INDUSTRY STANDARD
Sustainable Material BREEAM etc	Life Cycle Analysis		Number	AWAITING INDUSTRY STANDARD
Sustainable Material BREEAM etc	Location of Manufacturer	46° 55' 31.28" North, 7° 6' 51.53" East	GridRef	AWAITING INDUSTRY STANDARD
Sustainable Material BREEAM etc	Green Guide for Specification		Text	AWAITING INDUSTRY STANDARD
Sustainable Material BREEAM etc	Environmental Product Declaration		Text	3rd Party Verification or Self Verification with URL to document
Sustainable Material BREEAM etc	Responsible Sourcing of Materials		Text	AWAITING INDUSTRY STANDARD
Sustainable Material ETL	Energy Technology List		URL	Hyperlink to ETL webpage for product or N/A
Sustainable Material LEED v.4	Responsible Extraction of Materials		Text	AWAITING INDUSTRY STANDARD
Sustainable Material LEED v.4	Material Ingredient Reporting		Text	AWAITING INDUSTRY STANDARD
Sustainable Material BREEAM etc	RoHS compliant		Y/N	
Sustainable Material BREEAM etc	WEE compliant		Y/N	
<b>Operations &amp; Maintenance</b>				
Facilities/Asset Management	O&M Manual	<a href="https://www.sbc-support.com">https://www.sbc-support.com</a>	URL	Hyperlink to Manufacturer O&M Data
Facilities/Asset Management	Daily	n/a	Text	Maintenance tasks or SFG2012 codes
Facilities/Asset Management	Weekly	n/a	Text	Maintenance tasks or SFG2012 codes
Facilities/Asset Management	Monthly	n/a	Text	Maintenance tasks or SFG2012 codes
Facilities/Asset Management	Quarterly	n/a	Text	Maintenance tasks or SFG2012 codes
Facilities/Asset Management	6 Monthly	n/a	Text	Maintenance tasks or SFG2012 codes
Facilities/Asset Management	Annually	n/a	Text	Maintenance tasks or SFG2012 codes
Facilities/Asset Management	Bespoke Timeframe	n/a	Text	Maintenance tasks or SFG2012 codes
Facilities/Asset Management	Maintenance Required 0-300hrs	n/a	Text	Maintenance tasks required during this time frame
Facilities/Asset Management	Maintenance Required 301-600hrs	n/a	Text	Maintenance tasks required during this time frame
Facilities/Asset Management	Maintenance Required 601-1000hrs	n/a	Text	Maintenance tasks required during this time frame
Facilities/Asset Management	Maintenance Required 1001-2000hrs	n/a	Text	Maintenance tasks required during this time frame
Facilities/Asset Management	Maintenance Required 2001-4000hrs	n/a	Text	Maintenance tasks required during this time frame
Facilities/Asset Management	Maintenance Required 4001-8000hrs	n/a	Text	Maintenance tasks required during this time frame
Facilities/Asset Management	Maintenance Required 8001-12000hrs	n/a	Text	Maintenance tasks required during this time frame
Facilities/Asset Management	Expected Life		Years	
Facilities/Asset Management	Warranty ID	2 Year from invoice date, max. 30 month from date code.	Text	

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