

Price* : 116.00 USD



STBDAI5230 has not been replaced. Please contact your customer care center for more information.

ⓘ Discontinued

Main

| | |
|-----------------------------|--------------------------------------|
| Range of product | Modicon STB distributed I/O solution |
| Product or component type | Standard digital input module |
| Discrete input number | 2 |
| Discrete input voltage | 115 V |
| Discrete input voltage type | AC |

Complementary

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|---|--|
| Input voltage limits | 0...20 V at state 0 74...132 V at state 1 |
| Permissible voltage | 132 V |
| Absolute maximum voltage | 200 V 20 ms |
| Network frequency | 50/60 Hz |
| Network frequency limits | 47...63 Hz |
| Current state 0 guaranteed | <= 2 mA |
| Current state 1 guaranteed | >= 4 mA |
| Response time | 1.5 ms off-to-on 1.5 ms on-to-off |
| Protection type | Input protection resistor-limited Power protection integrated fuse on PDM time lag 10 A |
| Insulation between channels and logic bus | 1780 V for 1 minute |
| Cold swapping | Yes |
| Hot swapping | Yes for standard NIMs |
| Current supplied by sensor | <= 60 mA per channel |
| Product compatibility | I/O base STBXBA2000 Power distribution module STBPDT2100/2105 |
| [Us] rated supply voltage | 115/230 V AC |
| Supply | Power distribution module |
| Current consumption | 40 mA 5 V DC logic bus |
| Marking | CE |
| Overvoltage category | II |
| Status LED | 1 LED green module status (RDY) 1 LED per channel green channel status (IN1 to IN2) 1 LED red module error (ERR) |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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|----------------|-----------------------|
| Depth | 2.56 in (65.1 mm) |
| Height | 0.72 in (18.4 mm) |
| Width | 4.92 in (125 mm) |
| Product weight | 0.26 lb(US) (0.12 kg) |

Environment

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|---------------------------------------|--|
| Standards | EN/IEC 61131-2 type 1 |
| Product certifications | UL FM Class 1 Division 2 CSA |
| Pollution degree | 2 IEC 60664-1 |
| Operating altitude | <= 6561.68 ft (2000 m) |
| IP degree of protection | IP20 EN 61131-2 class 1 |
| Ambient air temperature for operation | 32...140 °F (0...60 °C) without derating |
| Ambient air temperature for operation | 32...140 °F without derating |
| Ambient air temperature for storage | -40...85 °C without derating |
| Ambient air temperature for storage | -40...185 °F without derating |
| Relative humidity | 95 % 140 °F (60 °C) without condensation |
| Vibration resistance | +/-0.35 mm 10...58 Hz 3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail 5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail |
| Shock resistance | 30 gn 11 ms IEC 88 reference 2-27 |

Ordering and shipping details

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|-----------------------|--------------------------|
| Category | 18215 - ADVANTYS STB I/O |
| Discount Schedule | PC32 |
| GTIN | 00785901579779 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.16 |
| Returnability | N |
| Country of origin | FR |

Offer Sustainability

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|-------------------------------|--|
| RoHS (date code: YYWW) | Will be compliant on 4Q2013 Will be compliant on 4Q2013 |
| REACH | Reference contains SVHC above the threshold - Go to CaP for more details Go to CaP for more details |
| Product environmental profile | Available |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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