

BUS expander - 16 inputs

Code: JA-116H

Bus expander is used for powering and connecting up to 16 detectors with contact outputs. It is possible to install the module straight into the JA-106K control panel.



Technical information:

Current consumption (all outputs turned on) Assimum acceptable load of one output from +U and GND Maximum acceptable load of all outputs from +U and GND Maximum acceptable load of all outputs from +U and GND Maximum acceptable load of all outputs from +U and GND Dimensions 102 × 66 × 20 mm Weight 80 g Classification Security grade 2/Environmental class II EN 50131-1, EN 50131-3, T014 (INCERT) (valid when placed into a tamper-protected housing certified fo no less then security grade 2/env. class II) - loop inputs parameters - number of detectors in one loop max. 5 - input balancing (optional) - recomended installation boxes - operational environment II., indoor general - operational temperature range - 10 to +40 °C - operational humidity 75 % RH, no condensation Trezor Test, ANPI		
Current consumption (all outputs turned on) Warning: the consumptions of the detectors connected to the +U and GND terminals have to be added to the system power backup calculation. Maximum acceptable load of one output from +U and GND Maximum acceptable load of all outputs from +U and GND Dimensions 102 x 66 x 20 mm Weight 80 g Classification Security grade 2/Environmental class II EN 50131-1, EN 50131-3, T014 (INCERT) (valid when placed into a tamper-protected housing certified fo no less then security grade 2/env. class II) - loop inputs parameters - input balancing (optional) - input balancing (optional) - recomended installation boxes - operational environment II., indoor general - operational temperature range - 10 to +40 °C - operational humidity 75 % RH, no condensation Trezor Test, ANPI	Power supply	12 V (9 15 V)
+U and GND Maximum acceptable load of all outputs from +U and GND Dimensions 102 x 66 x 20 mm Weight 80 g Classification Security grade 2/Environmental class II EN 50131-1, EN 50131-3, T014 (INCERT) (valid when placed into a tamper-protected housing certified fo no less then security grade 2/env. class II) - loop inputs parameters - number of detectors in one loop - input balancing (optional) - recomended installation boxes - JA-106K, PLV-CP-M, JA-194PL - operational environment II., indoor general - operational temperature range - 10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	Current consumption (all outputs turned on)	Warning: the consumptions of the detectors connected to the +U and GND terminals have to be added to the system power
+U and GND Dimensions 102 x 66 x 20 mm Weight 80 g Classification Security grade 2/Environmental class II EN 50131-1, EN 50131-3, T014 (INCERT) (valid when placed into a tamper-protected housing certified fo no less then security grade 2/env. class II) - loop inputs parameters - number of detectors in one loop - input balancing (optional) - recomended installation boxes JA-106K, PLV-CP-M, JA-194PL - operational environment II., indoor general - operational temperature range - 10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	Maximum acceptable load of one output from +U and GND	100 mA
Weight 80 g Classification Security grade 2/Environmental class II EN 50131-1, EN 50131-3, T014 (INCERT) (valid when placed into a tamper-protected housing certified fo no less then security grade 2/env. class II) - loop inputs parameters single/double balanced - number of detectors in one loop max. 5 - input balancing (optional) 1k, 2k2, 3k3, 4k7, 5k6, 10k - recomended installation boxes JA-106K, PLV-CP-M, JA-194PL - operational environment II., indoor general - operational temperature range -10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	Maximum acceptable load of all outputs from +U and GND	4 x 100 mA
Classification Security grade 2/Environmental class II EN 50131-1, EN 50131-3, T014 (INCERT) (valid when placed into a tamper-protected housing certified fo no less then security grade 2/env. class II) loop inputs parameters single/double balanced number of detectors in one loop max. 5 input balancing (optional) 1k, 2k2, 3k3, 4k7, 5k6, 10k recomended installation boxes JA-106K, PLV-CP-M, JA-194PL operational environment II., indoor general operational temperature range -10 to +40 °C operational humidity 75 % RH, no condensation Trezor Test, ANPI	Dimensions	102 x 66 x 20 mm
EN 50131-1, EN 50131-3, T014 (INCERT) (valid when placed into a tamper-protected housing certified fo no less then security grade 2/env. class II) - loop inputs parameters single/double balanced - number of detectors in one loop max. 5 - input balancing (optional) 1k, 2k2, 3k3, 4k7, 5k6, 10k - recomended installation boxes JA-106K, PLV-CP-M, JA-194PL - operational environment II., indoor general - operational temperature range -10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	Weight	80 g
- according to (valid when placed into a tamper-protected housing certified fo no less then security grade 2/env. class II) - loop inputs parameters single/double balanced - number of detectors in one loop max. 5 - input balancing (optional) 1k, 2k2, 3k3, 4k7, 5k6, 10k - recomended installation boxes JA-106K, PLV-CP-M, JA-194PL - operational environment II., indoor general - operational temperature range -10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	Classification	Security grade 2/Environmental class II
- number of detectors in one loop max. 5 - input balancing (optional) 1k, 2k2, 3k3, 4k7, 5k6, 10k - recomended installation boxes JA-106K, PLV-CP-M, JA-194PL - operational environment II., indoor general - operational temperature range -10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	- according to	(valid when placed into a tamper-protected housing certified for
- input balancing (optional) 1k, 2k2, 3k3, 4k7, 5k6, 10k - recomended installation boxes JA-106K, PLV-CP-M, JA-194PL - operational environment II., indoor general - operational temperature range -10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	- loop inputs parameters	single/double balanced
- recomended installation boxes JA-106K, PLV-CP-M, JA-194PL - operational environment II., indoor general - operational temperature range -10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	- number of detectors in one loop	max. 5
- operational environment - operational temperature range - operational humidity - operational humidity - certification body II., indoor general -10 to +40 °C 75 % RH, no condensation Trezor Test, ANPI	- input balancing (optional)	1k, 2k2, 3k3, 4k7, 5k6, 10k
- operational temperature range -10 to +40 °C - operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	- recomended installation boxes	JA-106K, PLV-CP-M, JA-194PL
- operational humidity 75 % RH, no condensation - certification body Trezor Test, ANPI	- operational environment	II., indoor general
- certification body Trezor Test, ANPI	- operational temperature range	-10 to +40 °C
-	- operational humidity	75 % RH, no condensation
Also complies with EN 50130-4, EN 55022	- certification body	Trezor Test, ANPI
	Also complies with	EN 50130-4, EN 55022