OVATION HIGH-DENSITY SEQUENCE OF EVENTS

Product Data Sheet

5X00605G01

32-channel contact input electronics module

CONTACT INPUT CHANNELS	CONTACT WETTING VOLTAGE	INPUT CIRCUIT ARRANGEMENT	TRANSITION CAPTURE
32	**48 V DC**	**Single-ended, current-sourcing contact inputs**	**Both high-to-low and low-to-high transitions**

Emerson 5X00605G01 is the Ovation high-density sequence-of-events electronics module with thirty-two 48 V DC single-ended contact inputs. It detects contact transitions and supplies the event information used by the controller to establish the order of state changes.

01 VERIFIED TECHNICAL DATA

Contact input channels	32
Contact wetting voltage	48 V DC
Input circuit arrangement	Single-ended, current-sourcing contact inputs
Transition capture	Both high-to-low and low-to-high transitions
Base requirement	Four-position high-density Ovation base; not two-slot
Cavity insert	1X00884H01; no separate personality module required
Associated field terminals	53 positions in rows A, B and C
Base terminal-wire range	22 to 12 AWG for one conductor
Field-terminal tightening torque	3 to 4 lbf in; 0.33 to 0.45 N m
DIN-rail base fixing torque	33 to 35 lbf in; 3.73 to 3.95 N m

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Common strip capacity	16 positions per module, 2 terminations each
Documented module compliance	CE Mark compliant combination

03 DOCUMENTED USE SETTINGS

Hydroelectric Generation and Grid Energy Storage: Run-of-River Hydropower.

Thermal Electricity Production and Regional Heat Supply: Gas-Fired Power Generation.

Municipal Water Supply and Industrial Wastewater Treatment: Drinking Water Treatment.

04 SYSTEM COMPATIBILITY

Plan the thirty-two contact inputs on the required high-density base and use cavity insert 1X00884H01. The manufacturer reference explicitly excludes the standard two-slot base for this module. Preserve the controller event assignments as well as the steady-state digital input mapping.

05 PRODUCT EVIDENCE

Emerson OW351_R1150 I/O Reference Manual, March 2014, section 24

AMIKON PRODUCT SUPPORT

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