

DCS Input/Output Relay Card Series

OUTPUT RELAY CARD

MODEL **38BOS6**

MODEL & SUFFIX CODE SELECTION

MODEL _____ **38BOS6** -R
TEST SWITCH _____
0 : Without
1 : With (AUTO at the center)
POWER INPUT _____
R : 24V DC

ORDERING INFORMATION

Specify code number. (e.g. 38BOS6-1-R)

RELATED PRODUCTS

•Standard Rack (model: 38B)

GENERAL SPECIFICATIONS

Construction: rack mounted; terminal access via screw terminals at the front and via connector at the rear; terminal cover provided

Connection

Input: connector

Output: M3.5 screw terminals
(nickel-plated steel; torque 0.8 N·m)

Power input: supplied from connector

Isolation: input or power to output

INPUT & OUTPUT

■**INPUT:** status output from a controller
24V DC @30mA min.
ON resistance $\leq 200\Omega$
OFF resistance $\geq 100k\Omega$

■**OUTPUT:** dry contact

Rating: 250V AC @3A ($\cos\phi=1$)
30V DC @3A (resistive load)

Minimum switching load: 5V DC @10mA

Relay life

Mechanical: 5×10^7 cycles

Electrical: 10^5 cycles

Relay protection: external protection recommended when driving an inductive load (coil etc.)

INSTALLATION

Power input: 24V DC $\pm 10\%$, approx. 60mA
(ripple 10% p-p max.)

Operating temperature: -5 to +55°C (23 to 131°F)

Operating humidity: 30 to 90% RH (non-condensing)

Mounting: Standard Rack 38B

Dimensions: W24×H110×D110 mm
(0.94"×4.33"×4.33")

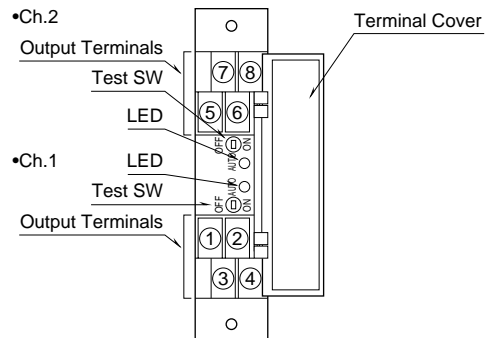
Weight: 150 g (0.33 lbs)

PERFORMANCE

Insulation resistance: $\geq 100M\Omega$ with 500V DC

Dielectric strength: 1500V AC @1 minute
(input or power to output to gnd)

FRONT VIEW



SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM

