

File E41515  
Project 00NK4478

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REPORT

on

SWITCHES, INDUSTRIAL CONTROL

Omron Corp.  
Kyoto, Japan

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## PRODUCT COVERED:

Digital panel meters, Type K3GN

## GENERAL:

These devices are open type, digital panel meter style, programmable intelligent signal converters, available in three output forms: relay contact, transistor, and communication.

Ratings - They are rated:

Input Supply: 24 V dc;

Output:

Relay Contact - 1 A, 30 V dc.

Transistor - 50 mA maximum, 12-24 V dc

Communication - RS-485

Single Input: - analog input (4-20 mA, 1-5 V dc, 0-10 V dc),  
pulse input (NPN open collector)

## NOMENCLATURE MARKING:

The significance of the alpha-numeric marking system is explainable as follows:

K3GN - ND C FLK - DC24V  
I II III IV V

I - K3GN - Basic series designation

II - Input setting:

ND - DC Voltage/DC Current/NPN Transistor inputs.

III - Output type:

C - Relay (2 output, 1a)

T1 - Transistor (NPN open corrector 3 output)

IV - Communication output:

FLK - Communications RS485

V - Power supply:

DC24 V - 24 V dc

CONSTRUCTION DETAILS:

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