

G700-U REMOTE I/O

Product Data Sheet

G700-UMD16

mixed input/output remote I/O terminal

I/O ARRANGEMENT	RATED SUPPLY VOLTAGE	OPERATING VOLTAGE RANGE	REMOTE I/O MASTER
8 inputs and 8 outputs	24 V DC	21.6 to 26.4 V DC	CV500-RM221

Omron G700-UMD16 is a mixed input/output remote I/O terminal in the G700-U Remote I/O range. Its documented configuration includes i/o arrangement: 8 inputs and 8 outputs and rated supply voltage: 24 v dc.

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VERIFIED TECHNICAL DATA

I/O arrangement	8 inputs and 8 outputs
Rated supply voltage	24 V DC
Operating voltage range	21.6 to 26.4 V DC
Remote I/O master	CV500-RM221
Communication topology	Wired multi-drop
Communication speed	1.5 Mbit/s
Maximum transmission distance	500 m
Maximum connected nodes	32 per Remote I/O master
Maximum input current	10 mA per point
Maximum output current	0.3 A per point

ADDITIONAL PRODUCT DATA

Maximum input ON delay	1.5 ms
Maximum input OFF delay	1.5 ms
Output mode	HOLD or OFF on communication error
Fuse rating	3 A, 125 V
Installation	DIN track or screw mounting

DOCUMENTED USE SETTINGS

Discrete Assembly Equipment and Remote I/O Control: Distributed conveyor control cabinets in assembly facilities.

Pumping Stations and Water Treatment Facilities: Remote pump control cabinets across treatment facilities.

Facility Equipment and Distributed Control Areas: Mechanical room I/O cabinets for facility equipment.

SYSTEM COMPATIBILITY

Connect G700-UMD16 to the documented Omron Remote I/O Master with the specified shielded twisted-pair cable. The mixed terminal supplies eight input and eight output points; its 24 V DC terminals are polarity sensitive and must be wired as shown in the G700-U instructions.

PRODUCT EVIDENCE

Omron manufacturer documentation for G700-UMD16