



Product designation

Product type designation

Auxiliary supply voltage

Number of inputs

Number of outputs

Max I/O number

Power supply

Operating voltage range 20.4...28.8VDC

Average current consumption mA 185

Power consumption Max W 5

Digital inputs

Number of digital input Nr. 8 + 4 digital/analog

Rated voltage V 24VDC

Input signals State 0 (OFF) <5VDC

State 1 (ON) >15VDC

Response time

0 to 1 (OFF-ON) 4ms (0.5ms for high speed)

1 to 0 (ON-OFF) 4ms (0.3ms for high speed)

Analog inputs

Number of analog input Nr. 4 digital/analog

Analog input type Voltage inputs

Inputs signal range V 0...10

Resolution 0.01V

Bit of conversion bit 8

Current consumption at 10VDC mA <0.17mA

Input impedance kΩ >40

Admissible overload VDC 28

Sampling time ms 5...20ms(LADDER)
2...10ms (FBD)

Maximum cable length m / ft ≤30m/98ft
(shielded wire)

Digital outputs

Number of digital output Nr. 8

type Relay

System resources

Display	LCD display, 4 lines x 16 characters		
Connections			
Terminals type	Screw		
Tightening torque for terminals	max	Nm	0.6
	Max	lbft	0.4

Conductor section

AWG/Kcmil	min	26	
	max	14	
IEC	min	mm ²	0.14
	max	mm ²	2.5

Ambient conditions

Temperature	Operating temperature	min	°C	-20	
		max	°C	+55	
	Storage temperature	min	°C	-40	
		max	°C	+70	

Relative humidity

% 20...90% without condensation

Housing

35mm DIN rail or screw fixing (M4x20mm)

Mounting

IP20

Weight

g 1060

Certifications and compliance

Compliance

CSA C22.2 n° 142

IEC/EN 61131-2

UL508

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001417 - Logic module