


Pin 1-Brown (+24V)  
 Pin 2-White  
 Pin 3-Blue (Ground)  
 Pin 4-Black (Trigger)

INPUT : 24 V  $\approx$  24 W  
 OUTPUT: 24 V  $\approx$  24 W

Designed by kjonas	Checked by	Approved by	Date	Date 8/22/2012	
			IFL-CGR-24-PNP		
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# Specification for Quotation



Product name	On/Off Module
Model	IFL-CGR-24-PNP
Emitting method	Constant lighting
Driving method	Constant voltage system
Control method	Lighting time control
Channels	1 Channel
Light for use (maximum)	24VDC 24W
Overcurrent protection	N/A
Input voltage (rating)	24VDC
Input voltage (range)	21.6VDC to 26.4VDC
Input Power (rating)	24W
Output voltage (rating)	24VDC * depends on input voltage
External control (input)	ON/OFF Control
Trigger input	Light OFF: Open or 1V max. Light ON: 10V min.
Operating environment	Temperature: 0 to 40°C, Humidity: 20 to 85%RH (No condensation)
Storage environment	Temperature: -20 to 60°C, Humidity: 20 to 85%RH (No condensation)
Vibration	Acceleration: 19.6m/sec <sup>2</sup> , Frequency 10 to 55Hz, Cycle 3 minutes, Sweep cycle: XYZ axis 1hour/axis
Cooling method	Natural air cooling
Environmental regulation	RoHS directive
Input connector	M12 connector 4pin MALE
Output connector	M12 connector 4pin FEMALE
Dimensions	W30 x D20 x H18 (mm)
Material	ABS Black
Weight	100g
Special note	