

# POWER CONVERSION PRODUCTS

## DC-Passive Infra-Red Detector

### FEATURES

- Motion activated switch by the use of a Passive infra-red Detector
- Autodetect input voltage of 12 or 24 Vdc
- Adjustable switch time
- Easy to install
- Indoor use only
- Safety features to prevent overvoltage, undervoltage and overcurrent

### APPLICATIONS

- Engine room of ship, boat, vessel
- Cargo space of a truck or bus
- Trailer



### TECHNICAL SPECIFICATIONS

Model	PDS-10 V2.0	
Continuous output current	10 A	
Peak output current	±70 A (170 Msec. @ 12 Vdc)	
Overload protection (shutdown)	±14 A (after 5 sec)	
Power consumption (standby)	±2 mA	
Operating voltage (auto detect)	12 V	24 V
Undervoltage switch-off threshold ↳ Start-up voltage after undervoltage switch-off	10.5 V 12.6 V	21.0 V 25.2 V
Overvoltage switch-off threshold ↳ Start-up voltage after overvoltage switch-off	16.0 V 15.8 V	32.0 V 31.6 V
Programmable switch-off delay	10 seconds to 30 minutes	
Switch time default setting	1 minute	
Start-up time after overload	30 seconds	
Undervoltage delay	60 seconds	
Start-up delay	± 30 seconds	
Detection angle	60°H - 60°V	
Detection range	5 meter	
Connector type	screw	
Dimensions (L x W x D)	30 x 48,5 x 76,5 mm	
Weight	0,03 Kgs	

Note : the given specifications are subject to change without notice.