

NEMA Base Types - Electronic

NEMA base electronic PE Cells provide more precise lighting control and stable performance.

SST240



Product Details

→ **Electronic** type with a conventional positive switching ratio. These devices use an integrated chip together with a silicon light-sensing element and maintain specification performance levels for up to five times longer than conventional cadmium sulphide (CdS) controls. The combination of these design features prevents light level drift so that the light switching levels remain constant for the life of the control unit.

Specification

Code	101040
Type	Electronic
Rating	1800VA
Normal Input	185V-305V
Operating Levels	'ON' Lux 32 (+/-10%) 'OFF' 19 Lux (+/-10%)
Time Delay Relay Transfer	30 - 60 Seconds
Temperature Range	-40°C to +60°C
Environmental	100% Relative Humidity
Construction	UV Stabilised Polypropylene
Dimensions	76mm (Ø) 54mm (H)
Base	NEMA

Pictorial is representative only. Specifications may change without notice.

2072NPIT



Product Details

→ **Electronic** type with an inverse switching ratio. These devices use an integrated chip together with a silicon light-sensing element and maintain specification performance levels for up to five times longer than conventional cadmium sulphide (CdS) controls. The combination of these design features prevents light level drift so that the light switching levels remain constant for the life of the control unit.

Specification

Code	101060
Type	Electronic
Rating	1800VA
Normal Input	185V-305V
Operating Levels	'ON' Lux 11 (+/-10%) 'OFF' 48 Lux +/-10%
Time Delay Relay Transfer	5 Seconds
Temperature Range	-40°C to +60°C
Environmental	100% Relative Humidity
Construction	UV Stabilised Polypropylene
Dimensions	76mm (Ø) 54mm (H)
Base	NEMA

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NEMA Base Types - Cadmium Sulphide

Daylight switches based on photoconductive, cadmium sulphide (CdS) cells offer stable, long life operation.

M-240



Product Details

→ **M Series** Cell with surge protection
 → The **M Series** features a ceramic substrate forms the base for the CdS. Visible on the surface of this substrate is a complicated electrode pattern with cold-welded cell terminal connections. This design is employed to prevent changes in cell resistivity from causing oxidization which will in turn contribute to photo-control drift. The entire cell, including the terminal post connections, is then coated with a non discolouring, UV resistant clear layer. This organic-based, semiconductor compatible coating provides additional protection from humidity, condensation and airborne contaminants. The unit is also fitted with a metal oxide resistor (MOV) designed to effectively clamp voltage surges that may otherwise damage the unit.

Specification

Code	101035
Type	CdS
Rating	1800VA
Normal Input	185V-305V
Operating Levels	'ON' 16 Lux (+/-10%) 'OFF' 65 Lux (+/-10%)
Time Delay Relay Transfer	30-60 Seconds
Temperature Range	-40°C to +60°C
Environmental	100% Relative Humidity
Construction	High Impact Noryl Housing with UV Inhibited Acrylic Integral Window
Dimensions	76mm (Ø) 54mm (H)
Base	NEMA
Surge Arrester	Fitted

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LC208-277**Product Details**

→ The **LC208-277** daylight switch is a more economical cadmium sulphide cell which is designed to be fitted with the universally used NEMA base. It is suitable for general use for electrical loads up to 1800VA.

Specification

Code	101045
Type	CdS
Rating	1800VA
Normal Input	185V-305V
Operating Levels	'ON' 16 Lux (+/- 25%) 'OFF' 65 Lux (+/-10%)
Time Delay Relay Transfer	30-60 Seconds
Temperature Range	-40°C to +60°C
Environmental	96% Relative Humidity
Construction	High Impact Polycarbonate Housing with UV-Inhibited Acrylic Integral Window
Dimensions	76mm (Ø) 54mm (H)
Base	NEMA
Surge Arrestor	Not Fitted

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NEMA Base Accessories

Replacement NEMA base sockets are available in either a weatherproof type with an M20 connection or a standard wire-in type.

BCM-15 Base (Weatherproof)**Product Details**

→ The **BCM-15** is a NEMA base compatible locking type socket for use with daylight switching photo-electric (PE) cells. This model is fitted with a weatherproof cover and is suitable for mounting onto an M20 thread. Its dimensions are 86mm in overall height and 65mm in diameter.

Specification

Code	100190
Type	Standard NEMA
Rating	15 Amps, 250VAC
Weatherproof	Yes
Dimensions	65mm (Ø) 86mm (H)
Base	NEMA

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CM-15 Base (Standard Wire-In)**Product Details**

→ The **CM15** is also a NEMA base compatible locking type socket for use with daylight switching PE cells. This type comes complete with a mounting bracket and colour coded leads for wiring in. It is rated at 15 Amps 250VAC. Its dimensions are 33mm in height and 65mm in diameter.

Specification

Code	100195
Type	Standard NEMA
Rating	15 Amps, 250VAC
Weatherproof	No
Dimensions	65mm (Ø) 33mm (H)
Base	NEMA

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