

Photocontrol - PowerTap Receptacle, 7-Pin, C136.41 Compliant, Dusk-to-Dawn, 10' cable

Item KPT1170-010



PRODUCT DESCRIPTION

The KPT0170-010 PowerTap allows light pole mounted ancillary devices to have quick access to electrical power. It taps into the power feed of a streetlight by connecting between the photocontrol and locking type receptacle. It does not disturb the operation of the light control unit, and it supports the 7-pin ANSI C136.41 style receptacle and controls.

FEATURES

- ▶ 7-pin ANSI C 136.41 connector interface: 3-prong power sockets + 4 signal contacts
- ▶ Taps into electric supply line of photocontrol with a #16 AWG cable out
- ▶ Branch circuit protected by an auto-resetting 10 A, OCPD
- ▶ Does not disturb the operation of lighting control units

APPLICATIONS

- ▶ Power Extension
- ▶ Traffic Control

TECHNICAL DATA

General

Model Number	KPT1170-010
Description	PowerTap Receptacle, 7-Pin, C136.41 Compliant, Dusk-to-Dawn, 10' cable
UPC Code	078275150614
Brand	Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	2-Year limited

Dimensions

Product Height (in)	3.63
Product Height (mm)	92
Product Diameter (in)	3.42
Product Diameter (mm)	87

Material Specifications

Body Material	UV Stabilized Polypropylene
Power Contacts Material	Brass/Phosphor Bronze
Gasket	(Integrated) Thermal Elastomer
Wire Leads	(2) #16 AWG, Flush Cut
Line Out Cable	ST00W Cord, .314" (8mm) OD, 10 ft. long
Signal Contacts Material	Nickel/Gold Plated Bronze

Electrical Specifications

Power Contacts Rating	120 V, 15 A max total (luminaire plus branch circuit power)
Signal Contacts Rating	30 VDC, 0.25 A max
Branch Circuit Rating	120 VAC, 5 A max
Power Derating	5 A from -40° C to 50° C, derate at 0.1 A/° C above 50° C up to 70° C max
Branch Circuit Protection	120 V, 10 A, Auto-resetting Thermal Circuit Breaker

Branch Circuit Type	ALWAYS ON
---------------------	-----------

Packaging

Shipping Weight (lbs)	1.2
-----------------------	-----

Unit Carton Dimensions (H x W x D) in	3.75 x 3.42 x 3.42 in
---------------------------------------	-----------------------

Environmental Specifications

Temperature (operation)	-40°C..70°C
-------------------------	-------------

Standards and Certifications

Other Certifications and Compatibilities	Ansi C136.10; Ansi C136.41
--	----------------------------

DRAWINGS AND DIAGRAMS

