INTERMATIC®

Photocontrol - PowerTap Receptacle, 7-Pin, C136.41 Compliant, Always-On, 10' cable

Item KPT0170-010

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, providing ALWAYS ON power feed
► 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	KPT0170-010
Description	PowerTap Receptacle, 7-Pin, C136.41 Compliant, Always-On, 10' cable
UPC Code	078275150096
Brand	Intermatic
Country of Origin (Intermatic)	U.S.A.
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	
Color	Black
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	STOOW 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 °F to 158 °F / (-40 °C to 70 °C)

Standards and Certifications	
Other Certifications and Compatibilities	ANSI C136.10; ANSI C136.41
California Proposition 65	Lead
RoHS Certification	N/A

Branch Circuit Type	ALWAYS ON