

### Product Overview

#### Monitoring Relays Selection Guide



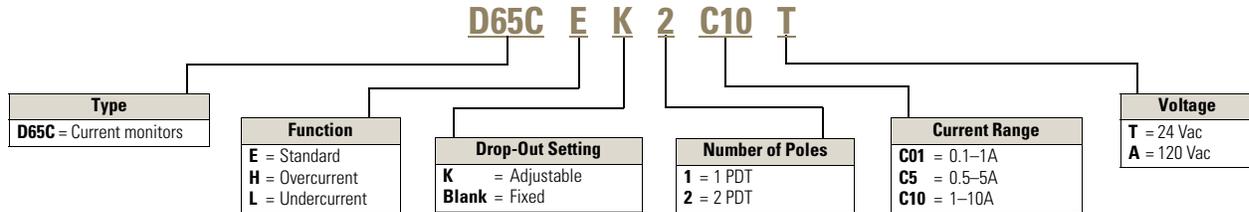
Description	D65 Series Page V9-T2-17	D65C Series Page V9-T2-19
<b>Approvals</b>	cULus, CE	RoHS, cURus, cULus, CE
<b>Features</b>	Various combinations of protection available Compact cases for easy mounting LED indicators for quick troubleshooting	Monitors AC single-phase currents from 0.1–10 A External CT can be used to extend ranges LED indicates output relay status Choice of fixed or user-adjustable settings
<b>Contact Data</b>		
Configuration	SPDT or DPDT	—
Maximum allowable load	10A	Less than 5 VA
Material	—	—
Resistance	—	—
Dielectric strength	2000V	—
<b>Coil Data</b>		
AC	24–480 Vac	—
DC	24–120 Vdc	—
Power		
VA (Vac)	5 VA	—
Watts (Vdc)	—	—
<b>General Data</b>		
Ambient temperature		
Operational	–4° to 149°F (–20° to 65°C)	–20° to 131°F (–28° to 55°C)
Maximum pick-up	<= 500 milliseconds	Overcurrent: Adjustable throughout current range monitored Undercurrent: Fixed at 5% above adjustable drop-out setting
Maximum release	<= 500 milliseconds	Overcurrent: Fixed at 95% of pick-up setting for D65CE; adjustable from 50–95% of pick-up setting for D65CEK Undercurrent: Adjustable throughout current range monitored
Life		
Mechanical operations	10 million	10 million
Electrical operations	100,000	100,000

For our complete product offering, see Volume 5—Motor Control and Protection, CA08100006E.

### Catalog Number Selection

#### D65C Series Monitoring Relays

##### D65C Series



#### D65CE Standard Current Monitoring Relays

##### Features

- Monitors AC single-phase currents
- Three separate current monitoring ranges covering 0.1–10 amperes
- External CT can be used to extend ranges
- Fixed 100 ms pick-up and drop-out time delay

##### Product Selection

#### D65CE\_ D65CE Series



Pick-Up Setting	Drop-Out Setting	Input Voltage	Current Range Monitored	Catalog Number
<b>SPDT – 8-Pin Plug-In</b>				
Adjustable	Fixed (at 95% of pick-up)	24 Vac	0.1–1A	<b>D65CE1C01T</b>
			0.5–5A	<b>D65CE1C5T</b>
			1–10A	<b>D65CE1C10T</b>
	120 Vac		0.1–1A	<b>D65CE1C01A</b>
			0.5–5A	<b>D65CE1C5A</b>
			1–10A	<b>D65CE1C10A</b>
Adjustable (50–95% of pick-up)	24 Vac		0.1–1A	<b>D65CEK1C01T</b>
			0.5–5A	<b>D65CEK1C5T</b>
			1–10A	<b>D65CEK1C10T</b>
	120 Vac		0.1–1A	<b>D65CEK1C01A</b>
			0.5–5A	<b>D65CEK1C5A</b>
			1–10A	<b>D65CEK1C10A</b>
<b>DPDT – 11-Pin Plug-In</b>				
Adjustable	Fixed (at 95% of pick-up)	24 Vac	0.1–1A	<b>D65CE2C01T</b>
			0.5–5A	<b>D65CE2C5T</b>
			1–10A	<b>D65CE2C10T</b>
	120 Vac		0.1–1A	<b>D65CE2C01A</b>
			0.5–5A	<b>D65CE2C5A</b>
			1–10A	<b>D65CE2C10A</b>
Adjustable (50–95% of pick-up)	24 Vac		0.1–1A	<b>D65CEK2C01T</b>
			0.5–5A	<b>D65CEK2C5T</b>
			1–10A	<b>D65CEK2C10T</b>
	120 Vac		0.1–1A	<b>D65CEK2C01A</b>
			0.5–5A	<b>D65CEK2C5A</b>
			1–10A	<b>D65CEK2C10A</b>