



POWER MANAGEMENT FOR ALTERNATIVE ENERGY







VIRTUAL DEVELOPERS KIT

GSE - Wind - Solar - HEMS - Battery Charging Systems

This developer kit includes everything you need to help design a power management solution for your alternative energy applications. Use the menu below to select product solutions to view and get immediate access to TE's power management portfolio.

- Product Drawings
- Brochures
- 3D PDFs
- Specifications
- Links to additional web content and catalogs

Not finding what you need? **Contact us** for more product options. 1 800 522 6752

- 1 HIGH VOLTAGE CONTACTORS 
- 2 SMART & HIGH POWER CONTACTORS 
- 3 HIGH VOLTAGE RELAYS 
- 4 WIRE & CABLE 
- 5 CONNECTORS 
- 6 FOLLOW-THE-WIRE 

POWER MANAGEMENT FOR ALTERNATIVE ENERGY

VIRTUAL DEVELOPER KIT



1

HIGH VOLTAGE CONTACTORS

KILOVAC EV200 CONTACTOR



Voltage Rating: 12-900 VDC
 Continuous Current Rating: 500 A
 Contact Form: SPST-NO

- [i](#) INFO
- [eCatalog](#)
- [Browse eCatalog](#) →
- [Relay Overview](#)
- [Browse eCatalog](#) →
- [Relay Overview Brochure](#)
- [View Brochure](#) →

KILOVAC EV202 HV CONTACTORS



Voltage Rating: 600 VDC max.
 Continuous Current Rating: 700 A, max.
 Contact Form: SPDT

- [i](#) INFO
- [eCatalog](#)
- [Browse eCatalog](#) →
- [New Products Page](#)
- [Visit Site](#) →
- [EV202 brochure](#)
- [View Brochure](#) →
- [Relay Overview](#)
- [Browse eCatalog](#) →
- [Relay Overview Brochure](#)
- [View Brochure](#) →

KILOVAC EV100 SERIES



Voltage Rating: 5-600 VDC
 Continuous Current Rating: 100 A
 Contact Form: SPST-NO (Form X)

- [i](#) INFO
- [eCatalog](#)
- [Browse eCatalog](#) →
- [Relay Overview](#)
- [Browse eCatalog](#) →
- [Relay Overview Brochure](#)
- [View Brochure](#) →

KILOVAC LEV200 SERIES



Voltage Rating: 12-900 VDC
 Continuous Current Rating: 500 A
 Contact Form: SPST (1 Form X)

- [i](#) INFO
- [eCatalog](#)
- [Browse eCatalog](#) →
- [Relay Overview](#)
- [Browse eCatalog](#) →
- [Relay Overview Brochure](#)
- [View Brochure](#) →

KILOVAC LEV100H DC CONTACTOR

Contact Voltage Rating: 1000 VDC
 Contact Form: SPST-NO

- [i](#) INFO
- [eCatalog](#)
- [Browse eCatalog](#) →
- [New Products Page](#)
- [Visit Site](#) →
- [LEV100 Brochure](#)
- [View Brochure](#) →

EXPLORE THE FULL RANGE TE'S SMART & HIGH POWER CONTACTORS

- [i](#) INFO
- [Relays Webpage](#)
- [Visit Site](#) →
- [White Paper - Karl Kitts](#)
- [Read White Paper](#) →

Not finding what you need? Contact us for more product options. 1 800 522 6752

POWER MANAGEMENT FOR ALTERNATIVE ENERGY

VIRTUAL DEVELOPER KIT



2

SMART & HIGH POWER CONTACTORS

KILOVAC KCS01 CURRENT SENSING CONTACTOR



Voltage Rating: 600 VDC max
Continuous Current Rating: \pm 100 A
Contact Form: SPST-NO (Form X)

- [i](#) INFO
- [eCatalog](#)
[Browse eCatalog](#) →
- [New Products Page](#)
[Visit Site](#) →
- [KCS01 Brochure](#)
[View Brochure](#) →
- [Relay Overview](#)
[Browse eCatalog](#) →
- [Relay Overview Brochure](#)
[View Brochure](#) →

KILOVAC KCS03 CURRENT SENSING CONTACTOR



Voltage Rating: 600 VDC max
Continuous Current Rating: \pm 600 A
Contact Form: SPST-NO

- [i](#) INFO
- [eCatalog](#)
[Browse eCatalog](#) →
- [New Products Page](#)
[Visit Site](#) →
- [KCS03 brochure](#)
[View Brochure](#) →
- [Relay Overview](#)
[Browse eCatalog](#) →
- [Relay Overview Brochure](#)
[View Brochure](#) →

KILOVAC K1K HIGH VOLTAGE CONTACTOR



Voltage Rating: 1000 VDC
Continuous Current Rating: 1000 A
Contact Form: SPST-NO (Form X)

- [i](#) INFO
- [eCatalog](#)
[Browse eCatalog](#) →
- [New Products Page](#)
[Visit Site](#) →
- [K1K brochure](#)
[View Brochure](#) →
- [Relay Overview](#)
[Browse eCatalog](#) →
- [Relay Overview Brochure](#)
[View Brochure](#) →

KILOVAC KHR500 CONTACTOR



Voltage Rating: 28 to 1000 VDC
Continuous Current Rating: 600 A
Contact Form: SPST (1 Form X)
AUX: SPDT (1 Form C)

- [i](#) INFO
- [eCatalog](#)
[Browse eCatalog](#) →
- [New Products Page](#)
[Visit Site](#) →
- [KHR500 brochure](#)
[View Brochure](#) →
- [Relay Overview](#)
[Browse eCatalog](#) →
- [Relay Overview Brochure](#)
[View Brochure](#) →

EXPLORE THE FULL RANGE TE'S SMART & HIGH POWER CONTACTORS

- [i](#) INFO
- [Relays Webpage](#)
[Visit Site](#) →
- [White Paper - Karl Kitts](#)
[Read White Paper](#) →

BROCHURES

[Relays, Contactors, Solenoids and Power Distribution](#) →

[Power Distribution Units](#) →

[KILOVAC High-Voltage DC Contactors](#) →

[HARTMAN Smart AC Contactors](#) →

Not finding what you need? Contact us for more product options. 1 800 522 6752

POWER MANAGEMENT FOR ALTERNATIVE ENERGY

VIRTUAL DEVELOPER KIT



3

HIGH VOLTAGE RELAYS

KILOVAC K81A



Temperature: 260°C (10,000 hours); 290°C (500 hours)
Conductor sizes: 24 to 4/0
Voltage: 1000

[i](#) INFO

eCatalog

[Browse eCatalog](#)

Relay Overview

[Browse eCatalog](#)

Relay Overview Brochure

[View Brochure](#)

KILOVAC PD10



Continuous Current Rating:
25 or 30A at 85°C
Contact Form: A = SPST-NO;
B = SPST-NC; P = SPST-Latching

[i](#) INFO

eCatalog

[Browse eCatalog](#)

Relay Overview

[Browse eCatalog](#)

Relay Overview Brochure

[View Brochure](#)

KILOVAC K41 (A, B AND C)



Continuous Current Rating:
25 A max
Contact Form: A = SPST-NO;
B = SPST-NC; C = SPDT

[i](#) INFO

eCatalog

[Browse eCatalog](#)

Relay Overview

[Browse eCatalog](#)

Relay Overview Brochure

[View Brochure](#)

EXPLORE THE FULL RANGE TE'S SMART & HIGH POWER CONTACTORS

[i](#) INFO

Relays Webpage [Visit Site](#)

White Paper - Karl Kitts [Read White Paper](#)

BROCHURES

Relays, Contactors, Solenoids and Power Distribution [➔](#)

Power Distribution Units [➔](#)

KILOVAC High-Voltage DC Contactors [➔](#)

HARTMAN Smart AC Contactors [➔](#)

Not finding what you need? Contact us for more product options. 1 800 522 6752

© 2019 TE Connectivity Ltd. All Rights Reserved.
1-1773953-4

CeeLok FAS-T, CeeLok FAS-X, POLAMCO, DEUTSCH, MULTIGIG RT, Mezalok, Fortis Zd, PRO BEAM, TE, TE Connectivity and the TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.

POWER MANAGEMENT FOR ALTERNATIVE ENERGY

VIRTUAL DEVELOPER KIT



4

WIRE AND CABLE

SHF-260 FLEXIBLE CABLE



Temperature: 260°C (10,000 hours); 290°C (500 hours)
Conductor sizes: 24 to 4/0
Voltage: 1000

INFO

eCatalog
[Browse eCatalog](#)

SHF-260 Brochure
[View Brochure](#)

Wire and Cable Overview Brochure
[View Brochure](#)

Quick Reference Guide
[View Guide](#)

CMC POWER FEEDER

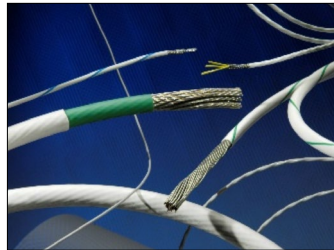


Temperature: tbd
Conductor sizes: tbd
Voltage: tbd

INFO

Wire and Cable Overview Brochure
[View Brochure](#)

FLEXLINE SPEC 82



Conductor sizes: 30 to 4/0
Temperature range: -65 to +200
Voltage: 600/1000/2000

INFO

eCatalog
[Browse eCatalog](#)

Wire and Cable Overview Brochure
[View Brochure](#)

Quick Reference Guide
[View Guide](#)

EXPLORE THE FULL RANGE TE'S SMART & HIGH POWER CONTACTORS

BROCHURES

[Wire and Cable Overview](#)

[Quick Reference Guide](#)

Not finding what you need? Contact us for more product options. 1 800 522 6752

© 2019 TE Connectivity Ltd. All Rights Reserved.
1-1773953-4

CeeLok FAS-T, CeeLok FAS-X, POLAMCO, DEUTSCH, MULTIGIG RT, Mezalok, Fortis Zd, PRO BEAM, TE, TE Connectivity and the TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.

POWER MANAGEMENT FOR ALTERNATIVE ENERGY

VIRTUAL DEVELOPER KIT



5

CONNECTORS

DEUTSCH 38999 SERIES III



Temperature Rating:
-65C to +200C (Nickel plated)
-65C to +175C (cadmium plated)
Mating Cycles: 1500

[i](#) INFO

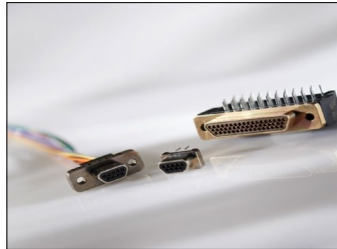
[eCatalog](#)
[Browse eCatalog](#)

[New Products Page](#)
[Visit Site](#)

[38999 Brochure](#)
[View Brochure](#)

[Quick Reference Guide](#)
[View Guide](#)

MICRODOT MCKS SERIES



Current Rating:
3 amps max per contact
Temperature Rating:
-55C to +125C

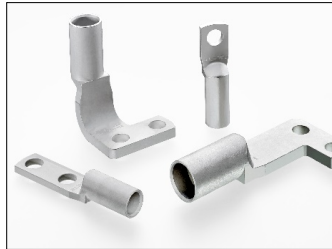
[i](#) INFO

[eCatalog](#)
[Browse eCatalog](#)

[New Products Page](#)
[Visit Site](#)

[Catalog Page](#)
[View](#)

COPALUM LITE



Current Rating:
2 AWG: 152A; 1/0 AWG: 202A;
2/0 AWG: 235A; 3/0 AWG:
275A; 4/0 AWG: 303A
Operating Temperature Rating:
+175°C

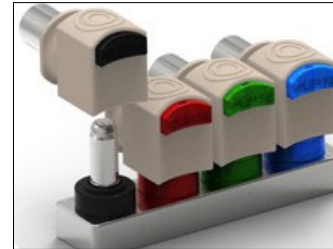
[i](#) INFO

[eCatalog](#)
[Browse eCatalog](#)

[New Products Page](#)
[Visit Site](#)

[Brochure](#)
[View Brochure](#)

SNAP-LUG POWER CONNECTOR



Current Rating:
(at 30°C T-rise, max): 4 AWG:
80A; 1/0 AWG: 150A; 2/0 AWG:
200A; 3/0 AWG: 250A
Operating Temperature Range:
-65°C to +150°C
Mating Cycles: 500

[i](#) INFO

[eCatalog](#)
[Browse eCatalog](#)

[Brochure](#)
[View Brochure](#)

EXPLORE THE FULL RANGE TE'S SMART & HIGH POWER CONTACTORS

BROCHURES

[38999 Overview](#)

[38999 PCB Quick Reference Guide](#)

[Quick Reference Guide](#)

[Series I](#)

[Series III](#)

[Series IV](#)

Not finding what you need? Contact us for more product options. 1 800 522 6752

© 2019 TE Connectivity Ltd. All Rights Reserved.
1-1773953-4

CeeLok FAS-T, CeeLok FAS-X, POLAMCO, DEUTSCH, MULTIGIG RT, Mezalok, Fortis Zd, PRO BEAM, TE, TE Connectivity and the TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.

POWER MANAGEMENT FOR ALTERNATIVE ENERGY

VIRTUAL DEVELOPER KIT



6

FOLLOW-THE-WIRE

DEUTSCH D-EASY FEEDTHROUGHS



Temperature Range:
-55°C to +105°C
Salt Spray Resistance: 500 hours

INFO
[eCatalog](#)
[Browse eCatalog](#)
Brochure
[View Brochure](#)

CABLE TO CABLE SPLICING



Temperature Range:
-55° C to 200° C

INFO
[eCatalog](#)
[Browse eCatalog](#)
Brochure
[View Brochure](#)

REPAIR SLEEVES



Temperature Range:
-65°C to +260°C

INFO
[eCatalog](#)
[Browse eCatalog](#)
New Products Page
[Visit Site](#)
Brochure
[View Brochure](#)

PROTECTIVE HEAT SHRINK TUBING



Operating temperature range:
-75°C to 150°C

INFO
[eCatalog](#)
[Browse eCatalog](#)
New Products Page
[Visit Site](#)
Brochure
[View Brochure](#)

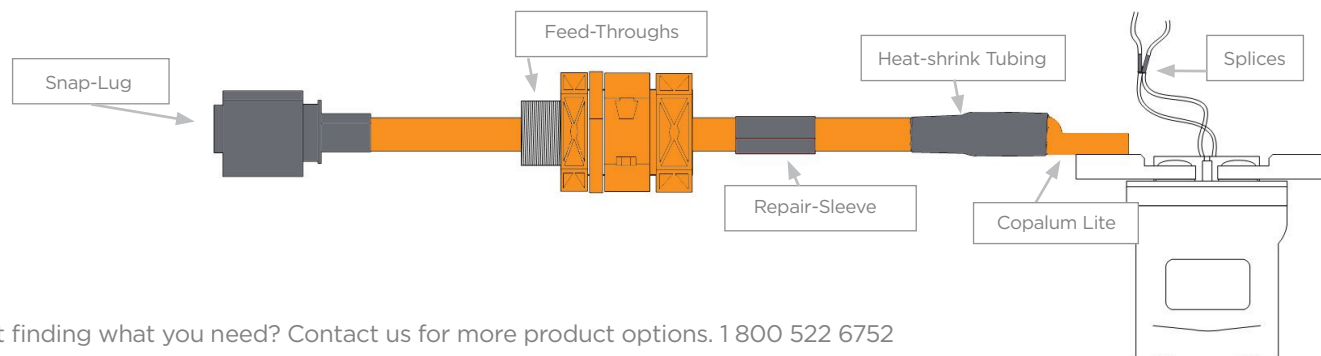
EXPLORE THE FULL RANGE TE'S SMART & HIGH POWER CONTACTORS

BROCHURES

[Harness Repair](#)

[Levels of Packaging](#)

[Identification and Labeling](#)



Not finding what you need? Contact us for more product options. 1 800 522 6752

© 2019 TE Connectivity Ltd. All Rights Reserved.
1-1773953-4

CeeLok FAS-T, CeeLok FAS-X, POLAMCO, DEUTSCH, MULTIGIG RT, Mezalok, Fortis Zd, PRO BEAM, TE, TE Connectivity and the TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.