Vantor VCT-K

Rectangular Split Core Busbar CTs 100 - 6000 A, 5 A Secondary

Vantor VCT-K rectangular split-core current transformers open to fit around busbars and large cables, so main incomers and bulk feeders from 100 A to 6000 A can be metered without dismantling the board. Six window sizes from 20 x 30 mm to 80 x 160 mm are available, all with a 5 A secondary for use with standard CT-operated meters such as the Vantor VM-37, VM-53 and VM-73, Eastron SDM630MCT or Accuenergy Acuvim.



Key Features

- Rectangular split-core for busbars and large cables; open/close installation without power-down
- Windows 20 x 30, 50 x 80, 80 x 80, 80 x 120, 60 x 100 and 80 x 160 mm
- Primary 100 - 6000 A, 5 A secondary
- Accuracy Class 0.2 / 0.5 / 1.0 by model
- 2.5 kV dielectric strength, insulation >= 100 MOhm
- Terminal secondary connections (KCT-23) or flying leads

Technical Specifications

- Model: VCT-K series rectangular split-core CT (select window size and ratio below)
- VCT-K-23: 100 - 400 A : 5 A, 20 x 30 mm window, terminals
- VCT-K-58: 300 - 1000 A : 5 A, 50 x 80 mm window
- VCT-K-88: 300 - 1200 A : 5 A, 80 x 80 mm window
- VCT-K-812: 500 - 1500 A : 5 A, 80 x 120 mm window
- VCT-K-610: 1000 - 3000 A : 5 A, 60 x 100 mm window
- VCT-K-816: 2000 - 6000 A : 5 A, 80 x 160 mm window
- Frequency: 50 / 60 Hz; -25 to +75 degC
- Dielectric: 2.5 kV; insulation resistance >= 100 MOhm at 500 V DC
- Sold per CT (3 required per three-phase supply)

Ordering information

Order code	Description
VCT-K-23-100/5	VCT-K-23 100 A : 5 A (20 x 30 mm)
VCT-K-23-150/5	VCT-K-23 150 A : 5 A (20 x 30 mm)
VCT-K-23-200/5	VCT-K-23 200 A : 5 A (20 x 30 mm)
VCT-K-23-250/5	VCT-K-23 250 A : 5 A (20 x 30 mm)
VCT-K-23-300/5	VCT-K-23 300 A : 5 A (20 x 30 mm)
VCT-K-23-400/5	VCT-K-23 400 A : 5 A (20 x 30 mm)
VCT-K-58-300/5	VCT-K-58 300 A : 5 A (50 x 80 mm)
VCT-K-58-400/5	VCT-K-58 400 A : 5 A (50 x 80 mm)
VCT-K-58-500/5	VCT-K-58 500 A : 5 A (50 x 80 mm)
VCT-K-58-600/5	VCT-K-58 600 A : 5 A (50 x 80 mm)
VCT-K-58-800/5	VCT-K-58 800 A : 5 A (50 x 80 mm)
VCT-K-58-1000/5	VCT-K-58 1000 A : 5 A (50 x 80 mm)
VCT-K-88-300/5	VCT-K-88 300 A : 5 A (80 x 80 mm)
VCT-K-88-400/5	VCT-K-88 400 A : 5 A (80 x 80 mm)
VCT-K-88-500/5	VCT-K-88 500 A : 5 A (80 x 80 mm)
VCT-K-88-600/5	VCT-K-88 600 A : 5 A (80 x 80 mm)
VCT-K-88-800/5	VCT-K-88 800 A : 5 A (80 x 80 mm)
VCT-K-88-1200/5	VCT-K-88 1200 A : 5 A (80 x 80 mm)
VCT-K-812-500/5	VCT-K-812 500 A : 5 A (80 x 120 mm)
VCT-K-812-600/5	VCT-K-812 600 A : 5 A (80 x 120 mm)
VCT-K-812-800/5	VCT-K-812 800 A : 5 A (80 x 120 mm)
VCT-K-812-1200/5	VCT-K-812 1200 A : 5 A (80 x 120 mm)
VCT-K-812-1500/5	VCT-K-812 1500 A : 5 A (80 x 120 mm)
VCT-K-610-1000/5	VCT-K-610 1000 A : 5 A (60 x 100 mm)
VCT-K-610-1200/5	VCT-K-610 1200 A : 5 A (60 x 100 mm)
VCT-K-610-1500/5	VCT-K-610 1500 A : 5 A (60 x 100 mm)
VCT-K-610-2000/5	VCT-K-610 2000 A : 5 A (60 x 100 mm)
VCT-K-610-2500/5	VCT-K-610 2500 A : 5 A (60 x 100 mm)
VCT-K-610-3000/5	VCT-K-610 3000 A : 5 A (60 x 100 mm)
VCT-K-816-2000/5	VCT-K-816 2000 A : 5 A (80 x 160 mm)
VCT-K-816-2500/5	VCT-K-816 2500 A : 5 A (80 x 160 mm)
VCT-K-816-3000/5	VCT-K-816 3000 A : 5 A (80 x 160 mm)
VCT-K-816-4000/5	VCT-K-816 4000 A : 5 A (80 x 160 mm)
VCT-K-816-5000/5	VCT-K-816 5000 A : 5 A (80 x 160 mm)
VCT-K-816-6000/5	VCT-K-816 6000 A : 5 A (80 x 160 mm)