

# Product data sheets

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# LV510300

## CVS100B TM16D 3P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	16 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	190 A
Earth-leakage protection	Without
Height	161 mm

Width	105 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

# LV510301

## CVS100B TM25D 3P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	25 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	300 A
Earth-leakage protection	Without
Height	161 mm

Width	105 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

# LV510302

## CVS100B TM32D 3P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	32 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	400 A
Earth-leakage protection	Without
Height	161 mm

Width	105 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C



# LV510303

## CVS100B TM40D 3P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	40 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	500 A
Earth-leakage protection	Without
Height	161 mm

Width	105 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

# LV510304

## CVS100B TM50D 3P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	50 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	500 A
Earth-leakage protection	Without
Height	161 mm

Width	105 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

# LV510305

## CVS100B TM63D 3P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	63 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	500 A
Earth-leakage protection	Without
Height	161 mm

Width	105 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

# LV510306

## CVS100B TM80D 3P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	640 A
Earth-leakage protection	Without
Height	161 mm

Width	105 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C



# LV510307

## CVS100B TM100D 3P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	100 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	800 A
Earth-leakage protection	Without
Height	161 mm

Width	105 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

# LV510310

## CVS100B TM16D 4P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	16 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection (3d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	190 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	25 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection (3d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	300 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	32 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection (3d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	400 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C



# LV510313

## CVS100B TM40D 4P3D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	40 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection (3d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	500 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	50 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection (3d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	500 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	63 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection (3d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	500 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection (3d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	640 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C



### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	100 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection (3d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	800 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	4d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	16 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	1 x Ir (4d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	190 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

# LV510321

## CVS100B TM25D 4P4D; Compact circuit breaker

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	4d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz
Circuit breaker rating code	B
Breaking capacity	Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	25 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	1 x Ir (4d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	300 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	4d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	32 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	1 x Ir (4d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	400 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C



### Main

Device short name	Compact CVS100B
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	4d
Neutral position	Left
Network type	AC
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Circuit breaker rating code	B
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Local signalling	Positive contact indication
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	40 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

### Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	30000 cycles
Electrical durability	12000 cycles (In , 415 V) conforming to IEC 60947-2
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	1 x Ir (4d)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	500 A

Earth-leakage protection	Without
Height	161 mm
Width	140 mm
Depth	86 mm

## Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C