



### Main

Range of product	EasyPact MVS
Product or component type	Control unit
Circuit breaker application	Standard Industrial
Poles description	3P 4P
Protected poles description	3d 3d + N/2 4d
Neutral position	Left
Network type	AC
Trip unit name	ETV6G
Trip unit technology	Micro-processor based
Trip unit rating	800...4000 A

### Complementary

Network frequency	50/60 Hz
Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Neutral protection setting	Without protection (3d) 0.5 x Ir (3d + N/2) 1 x Ir (4d)
Trip unit protection functions	LSIG
Protection type	Overload protection (long time) Instantaneous short-circuit protection Earth fault Short time short-circuit protection
Fault indication	Overload Internal fault Short-circuit Earth fault
Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	0.4...1 x In
Long time delay adjustment type	Adjustable 9 settings
[Tr] long-time delay adjustment range	0.5...24 s (6 x Ir), accuracy: 0...- 20 %

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Thermal memory	20 minutes before and after tripping
Short-time pick-up adjustment type I <sub>sd</sub>	Adjustable 9 settings
[I <sub>sd</sub> ] short-time pick-up adjustment range	1.5...10 x I <sub>r</sub>
Short-time delay adjustment type	Adjustable 5 settings
[T <sub>sd</sub> ] short-time delay adjustment range	100...400 ms
Instantaneous pick-up adjustment type I <sub>li</sub>	Adjustable 9 settings
Instantaneous pick-up adjustment range	2...15 x I <sub>n</sub> , accuracy: +/- 10 % Off
Ground-fault time delay adjustment type -tg	Adjustable 5 settings
Ground-fault pick-up adjustment type	Adjustable 9 settings
[T <sub>g</sub> ] ground-fault time delay adjustment range	100...400 ms
[I <sub>g</sub> ] ground-fault pick-up adjustment range	0.2...1 x I <sub>n</sub> (400 A < I <sub>n</sub> ≤ 1000 A), accuracy: +/- 10 % 500...1200 x I <sub>n</sub> (I <sub>n</sub> ≥ 1250 A), accuracy: +/- 10 %
Zone selective interlocking ZSI	With
Display type	Digital display
Type of measurement	Maximum current (I <sub>1</sub> , I <sub>2</sub> , I <sub>3</sub> , I <sub>n</sub> ), range: 0.2...1.2 I <sub>n</sub> , accuracy: +/- 1.5 % Instantaneous current (I <sub>1</sub> , I <sub>2</sub> , I <sub>3</sub> , I <sub>n</sub> ), range: 0.2...12 I <sub>n</sub> , accuracy: +/- 1.5 % Instantaneous current (I <sub>g</sub> ), range: 0.2...1 I <sub>n</sub> , accuracy: +/- 10 % Demand current (I <sub>1</sub> , I <sub>2</sub> , I <sub>3</sub> , I <sub>g</sub> ), range: 0.2...1.2 I <sub>n</sub> , accuracy: +/- 1.5 % Voltage (V <sub>12</sub> , V <sub>23</sub> , V <sub>31</sub> , V <sub>1N</sub> , V <sub>2N</sub> , V <sub>3N</sub> ), range: 100...690 V, accuracy: +/- 0.5 %
Height	200 mm
Width	55 mm
Depth	75 mm
Product weight	0.213 kg

## Environment

Ambient air temperature for operation	-5...70 °C
Ambient air temperature for storage	-25...85 °C

## Contractual warranty

Warranty period	18 months
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