



Main

Range of product	EasyPact MVS
Range	EasyPact
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
Neutral position	Left
Protected poles description	4P 4d
Network type	AC
Breaking capacity code	N
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category B

Complementary

Network frequency	50/60 Hz
Control type	Push-button
Mounting mode	Fixed
Mounting support	Base plate
Connection position	Horizontal Vertical
Location of connection	Rear
[In] rated current	1600 A (40 °C)
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-2
[Icm] rated short-circuit making capacity	105 kA (Icm) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 88 kA (Icm) at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity	50 kA (Icu) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 42 kA (Icu) at 690 V AC 50/60 Hz conforming to IEC 60947-2
Circuit breaker CT rating	1600 A
[Ics] rated service breaking capacity	50 kA (Ics) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 42 kA (Ics) at 690 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	20000 cycles (with maintenance) conforming to IEC 60947-2 10000 cycles (without maintenance) conforming to IEC 60947-2

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

Electrical durability	6000 cycles (without maintenance), category B at 440 V AC 50/60 Hz, conforming to IEC 60947-2 4000 cycles (without maintenance), category B at 690 V AC 50/60 Hz, conforming to IEC 60947-2
Connection pitch	115 mm (without spreader)
Contact position indicator	Yes
[I _{cw}] rated short-time withstand current	50 kA (1 s) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 42 kA (1 s) at 690 V AC 50/60 Hz conforming to IEC 60947-2 25 kA (3 s) at 440/690 V AC 50/60 Hz conforming to IEC 60947-2
Maximum breaking time	25 ms
Neutral protection setting	Without protection (3d) 0.5 x I _r (3d + N/2) 1 x I _r (4d)
Closing response time	< 70 ms
Height	352 mm
Width	537 mm
Depth	297 mm
Product weight	50 kg

Environment

Standards	IEC 60947-2
Product certifications	CCS IEC GOST CCC
IP degree of protection	IP40
Pollution degree	4 conforming to IEC 60664-1
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...85 °C (without control unit) -25...85 °C (with control unit)

Contractual warranty

Warranty period	18 months
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