



Main

Range of product	GV2RT
Device short name	Thermal magnetic circuit breaker
Product or component type	Circuit breaker
Circuit breaker application	Motor protection
Poles description	3P
Network type	AC
Control type	Rocker lever
Motor power kW	3 kW at 440 V AC 50/60 Hz 3 kW at 500 V AC 50/60 Hz 4 kW at 690 V AC 50/60 Hz 1.1 kW at 220...230 V AC 50/60 Hz 2.2 kW at 400...415 V AC 50/60 Hz 2.2 kW at 440 V AC 50/60 Hz
[In] rated current	6.3 A
Magnetic tripping current	138 A
Thermal protection adjustment range	4...6.3 A conforming to IEC 60947-4-1
Utilisation category	AC-3 conforming to IEC 60947-4-1 Category A conforming to IEC 60947-2
Connections - terminals	Power circuit: screw clamp terminal 2 cable 1...6 mm ² - cable stiffness: solid Power circuit: screw clamp terminal 2 cable 1.5...6 mm ² - cable stiffness: flexible - without cable end Power circuit: screw clamp terminal 2 cable 1...4 mm ² - cable stiffness: flexible - with cable end

Complementary

Network frequency	50/60 Hz
Mounting mode	Fixed
Mounting support	Plate Rail
Mounting position	Horizontal Vertical
Trip unit technology	Thermal-magnetic
[Ue] rated operational voltage	600 V AC 50/60 Hz conforming to CSA C22-2 No 14 600 V AC 50/60 Hz conforming to UL 508 690 V conforming to IEC 60947-2 AC 50/60 Hz
[Ui] rated insulation voltage	600 V conforming to CSA C22-2 No 14 600 V conforming to UL 508 690 V conforming to IEC 60947-2
[Ith] conventional free air thermal current	6.3 A conforming to IEC 60947-4-1
Network frequency	50/60 Hz conforming to CSA 50/60 Hz conforming to IEC 60947-4-1 50/60 Hz conforming to UL
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Power dissipation per pole	2.5 W
Mechanical durability	100000 cycles
Electrical durability	100000 cycles on AC-3 at 440 V In/2
Maximum number of switchings	25 cyc/h
Rated duty	Continuous conforming to IEC 60947-4-1
Height	89 mm

Width	44.5 mm
Depth	78.5 mm
Product weight	0.350 kg