


**Ref. No. 609810 | Cat. No. DM60B16/030**
**Description: RCBO Residual current circuit breaker with overcurrent protection DM60 AC 1P+N 16 A 30 mA**
**EAN 5413656098102**
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Series DM - RCBOs with overcurrent protection  
 GE has the most complete RCBO offer on the market. For residential, commercial and industrial applications. Quality and reliability guaranteed!  
 DM is GE's basic offer for overload protection and residual current protection.  
 Available types

- Series DM60 - Type AC, A
  - Series DM100 - Type AC, A
  - Type DMT60, DMT100
- Performance
- Thermal settings  $I_n$  (A): 4-40
  - Residual current  $I_{\Delta n}$  in (mA): 10, 30, 100, 300
  - Tripping characteristics: B-C
  - Rated voltage AC  $U_n$  (V): 230
  - Minimum operating voltage  $U_B$  min (V): 117
  - Mechanical/electrical endurance: 20000/10000
  - Tropicalisation acc.to EN/IEC 60068-2-28/2-30 and DIN 40046: 95%RH at 55°C
  - Terminal capacity flexible/rigid cable (mm<sup>2</sup>):
- Top terminal: 16-25
  - Bottom terminal: 25-35
  - Poles: 1+N
  - Nuisance tripping resistance: 250A 8/20 $\mu$ s; 200A 0.5 $\mu$ s - 100kHz
  - Ambient temperature in (°C):
- Type AC: -5 up to 40
  - Type A: -25 up to 40
  - Weight (g/pole): 250

**Descriptors**

Category	People protection
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**Specifications**

Series	Residual current circuit breaker with overcurrent protection
Range	DM60
Type	Type AC
Serie	Series AC
$U_n$	240 Vac
Poles	1P+N
Rated current $I_n$	16 A
Residual current	30 mA
Operating time	Instantaneous
AC/DC	AC
Number of modules	2
Switching off capacity	B (3-5 $I_n$ )
Terminal capacity flexible/rigid cable	Top terminal: 16-25 mm <sup>2</sup> /Bottom terminal: 25-35 mm <sup>2</sup>
Tropicalisation according to IEC 60068-2-28/2-30	95%RV at 55°C
Electrical service life	20000/10000

## Specifications

Selectivity class	3
Minimum servicevoltage	176 V
Frequency	50/60 Hz
Storage temperature	-25°C / +70°C
Shock voltage	6
Protection Degree	IP20
Ambient temperature	-5 / 40°C
Nominal current Un	240 VAC
Nuisance tripping resistance	250 A 8/20µs - 200 A 0.5 µs - 100 kHz
Differential making and breaking capacity	I(Δ)m = 6000 A
Short circuit capacity	I <sub>nc</sub> = 6000A at 240V

## Classifications

Approvals	CE, CEPEC, KEMA, LR, RINA
Approval/norm	EN/IEC 61009-1 (EN 60898) & IEC 60947
ETIM 5.0	EC000003 - Residual current circuit breaker (RCCB)
ETIM 6.0	EC000003 - Residual current circuit breaker (RCCB)
ETIM 7.0	EC000905 - Earth leakage circuit breaker

## Dimensions

Weight	0.250 kg
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## Package Information

Standard packing	1/6
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## Operating Performance

Operating temperature	-5°C / +40°C
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## Publications

Title	Publication No.	Publication Type
<a href="#">RCBO Residual current circuit breaker with overcurrent protection - 1P+N 2modules - Series DM60/100-DP40-DPL45-DPT100-LSFI (pdf)</a>	3D-01105-PDF	Drawings - CAD - 3D
3D PDF Viewer: Modular DIN-rail device - People protection - RCBO Residual current circuit breaker with overcurrent protection - 1P+N 2modules - Series DM60/100-DP40-DPL45-DPT100-LSFI (3DPDF format)		
<a href="#">RCBO Residual current circuit breaker with overcurrent protection - 1P+N 2modules - Series DM60/100-DP40-DPL45-DPT100-LSFI (stp)</a>	3D-01105	Drawings - CAD - 3D
3D Drawing: Modular DIN-rail device - People protection - RCBO Residual current circuit breaker with overcurrent protection - 1P+N 2modules - Series DM60/100-DP40-DPL45-DPT100-LSFI (STEP format)		

**Additional Documentation:** Visit our Publication Library to find technical documentation, specifications, articles, promotional literature, 3D's,...