



Commercial status

To be discontinued on: 30 June 2021

To be end-of-service on: 30 September 2021

! To be discontinued

Main

Range of product	Resi9
Product name	DB60
Product or component type	Circuit-breaker
Device location in system	Main incomer
Pole	1P + N
Maximum current rated	45 A
Settings	45 A 9 kVA 30 A 6 kVA 15 A 3 kVA
Neutral position	Left
Standards	NF C 62-411
Product certifications	ERDF CPT M&S SPE 11015B
Quality labels	NF
Electrical insulation class	Class II
Network type	AC
Trip unit technology	Thermal-magnetic
Safety function	Cover opening open

Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	250 V AC 50 Hz conforming to NF C 62-411
Residual current tripping technology	Voltage independent
Breaking capacity	2 kA
Contact position indicator	Yes
Control type	Toggle
Mounting support	Mounting plate
Height	209 mm

Width	71 mm
Depth	73 mm
Mechanical durability	5000 cycles
Electrical durability	1000 cycles conforming to NF C 62-411
Provision for padlocking	Padlockable with padlock Ø 6 mm
Locking options description	Padlocking in OFF position
Type of connection	Orientalional terminals 30°, cable cross section: 2.5...25 mm²
Tightening torque	Power terminals: 4 N.m Setting: 1 N.m
Earth-leakage protection	Without

Environment

IP degree of protection	IP40 (front face)
Electromagnetic compatibility	Electrostatic discharge - test level: 15 kV (air discharge) conforming to IEC 61000-4-2 Electrostatic discharge - test level: 8 kV (contact discharge) conforming to IEC 61000-4-3 Radiated radio-frequency electromagnetic field immunity test - test level: 20 V/m criteria A (80 MHz...6 GHz) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: 4.5 kV criteria A conforming to IEC 61000-4-5 Surge immunity test - test level: 5 kV criteria A (common mode) conforming to IEC 61000-4-6 Surge immunity test - test level: 5 kV criteria A (differential mode) conforming to IEC 61000-4-8 Conducted RF disturbances - test level: 20 V criteria A (0.15...80 MHz) conforming to IEC 61000-4-16 Magnetic field at power frequency - test level: 400 A/m criteria A (1 minute) conforming to EN 55022-11 Magnetic field at power frequency - test level: 1000 A/m criteria A (3 s) conforming to EN 55022-11
Relative humidity	90 % at 40 °C
Ambient air temperature for operation	-20...55 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.54 kg
Package 1 Height	0.8 dm
Package 1 width	0.74 dm
Package 1 Length	2.2 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product