



Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles	1P + N
Neutral position	Left
[In] rated current	6 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50/60 Hz

Complementary

Device application	Distribution
Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC
Magnetic tripping limit	5...10 x In
Limitation class	3
[Ui] rated insulation voltage	400 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail

9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	69.5 mm
Net weight	0.136 kg
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal (upstream) 1...16 mm ² rigid or flexible Tunnel type terminal (downstream) 1...10 mm ² rigid or flexible
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
IP degree of protection	IP20 IP40 (modular enclosure)
Tropicalisation	2 conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Package 1 Weight	0.136 kg
Package 1 Height	0.965 dm
Package 1 width	0.180 dm
Package 1 Length	0.755 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

Bảng thông số sản phẩm

Đặc điểm

EZ9D33620

Easy9 RCBO - 1P + N - 20A - C curve - AC type - 4500 A - 30 mA



Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles	1P + N
Neutral position	Left
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50/60 Hz

Complementary

Device application	Distribution
Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC
Magnetic tripping limit	5...10 x In
Limitation class	3
[Ui] rated insulation voltage	400 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail

9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	69.5 mm
Net weight	0.136 kg
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal (upstream) 1...16 mm ² rigid or flexible Tunnel type terminal (downstream) 1...10 mm ² rigid or flexible
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
IP degree of protection	IP20 IP40 (modular enclosure)
Tropicalisation	2 conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Package 1 Weight	0.136 kg
Package 1 Height	0.965 dm
Package 1 width	0.180 dm
Package 1 Length	0.755 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



Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	10 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A I _{cn} at 230 V AC 50/60 Hz

Complementary

Device application	Distribution
Device location in system	Outgoer
Network frequency	50/60 Hz
[U _e] rated operational voltage	230 V AC
Magnetic tripping limit	5...10 x I _n
Limitation class	3
[U _i] rated insulation voltage	400 V
[U _{imp}] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	69.5 mm
Net weight	0.136 kg
Mechanical durability	10000 Cycles
Electrical durability	4000 Cycles
Connections - terminals	Tunnel type terminal (upstream) 1...16 mm ² rigid or flexible Tunnel type terminal (downstream) 1...10 mm ² rigid or flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
IP degree of protection	IP20 IP40 (modular enclosure)
Tropicalisation	2 conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Package 1 Weight	0.136 Kg
Package 1 Height	0.965 Dm
Package 1 width	0.180 Dm
Package 1 Length	0.755 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
Environmental Disclosure	Product Environmental Profile

Product Life Status :	Commercialised
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Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A I _{cn} at 230 V AC 50/60 Hz

Complementary

Device application	Distribution
Device location in system	Outgoer
Network frequency	50/60 Hz
[U _e] rated operational voltage	230 V AC
Magnetic tripping limit	5...10 x I _n
Limitation class	3
[U _i] rated insulation voltage	400 V
[U _{imp}] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	69.5 mm
Net weight	0.136 kg
Mechanical durability	10000 Cycles
Electrical durability	4000 Cycles
Connections - terminals	Tunnel type terminal (upstream) 1...16 mm ² rigid or flexible Tunnel type terminal (downstream) 1...10 mm ² rigid or flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
IP degree of protection	IP20 IP40 (modular enclosure)
Tropicalisation	2 conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Package 1 Weight	0.136 Kg
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Package 1 width	0.180 Dm
Package 1 Length	0.755 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
Environmental Disclosure	Product Environmental Profile

Product Life Status :	Commercialised
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Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	25 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50/60 Hz

Complementary

Device application	Distribution
Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC
Magnetic tripping limit	5...10 x In
Limitation class	3
[Ui] rated insulation voltage	400 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	69.5 mm
Net weight	0.136 kg
Mechanical durability	10000 Cycles
Electrical durability	4000 Cycles
Connections - terminals	Tunnel type terminal (upstream) 1...16 mm ² rigid or flexible Tunnel type terminal (downstream) 1...10 mm ² rigid or flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
IP degree of protection	IP20 IP40 (modular enclosure)
Tropicalisation	2 conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Package 1 Weight	0.136 Kg
Package 1 Height	0.965 Dm
Package 1 width	0.180 Dm
Package 1 Length	0.755 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
Environmental Disclosure	Product Environmental Profile

Product Life Status :	Commercialised
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Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	32 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50/60 Hz

Complementary

Device application	Distribution
Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC
Magnetic tripping limit	5...10 x In
Limitation class	3
[Ui] rated insulation voltage	400 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	69.5 mm
Net weight	0.136 kg
Mechanical durability	10000 Cycles
Electrical durability	4000 Cycles
Connections - terminals	Tunnel type terminal (upstream) 1...16 mm ² rigid or flexible Tunnel type terminal (downstream) 1...10 mm ² solid or flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
IP degree of protection	IP20 IP40 (modular enclosure)
Tropicalisation	2 conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Package 1 Weight	0.136 Kg
Package 1 Height	0.965 Dm
Package 1 width	0.180 Dm
Package 1 Length	0.755 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
Environmental Disclosure	Product Environmental Profile

Product Life Status :	Commercialised
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Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	10 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1

Complementary

Device application	Distribution
Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)
Mechanical durability	8000 Cycles
Electrical durability	2000 Cycles 230 AC 50 Hz
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...16 mm ² flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
Product certifications	GOST EAC
Tropicalisation	2
Relative humidity	95 %
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	194 G
Package 1 Height	7.42 Cm
Package 1 width	3.57 Cm
Package 1 Length	8.54 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	72
Package 2 Weight	15.588 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**



Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1

Complementary

Device application	Distribution
Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)
Mechanical durability	8000 Cycles
Electrical durability	2000 Cycles 230 AC 50 Hz
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...16 mm ² flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
Product certifications	EAC GOST
Tropicalisation	2
Relative humidity	95 %
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	194 G
Package 1 Height	7.42 Cm
Package 1 width	3.57 Cm
Package 1 Length	8.54 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**



Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1

Complementary

Device application	Distribution
Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)
Mechanical durability	8000 Cycles
Electrical durability	2000 Cycles 230 AC 50 Hz
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...16 mm ² flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
Product certifications	EAC GOST
Tropicalisation	2
Relative humidity	95 %
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	194 G
Package 1 Height	7.42 Cm
Package 1 width	3.57 Cm
Package 1 Length	8.54 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	72
Package 2 Weight	15.391 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**



Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	25 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1

Complementary

Device application	Distribution
Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)
Mechanical durability	8000 Cycles
Electrical durability	2000 Cycles 230 AC 50 Hz
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...16 mm ² flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
Product certifications	GOST EAC
Tropicalisation	2
Relative humidity	95 %
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	194 G
Package 1 Height	7.42 Cm
Package 1 width	3.57 Cm
Package 1 Length	8.54 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	72
Package 2 Weight	15.462 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**



Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	32 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1

Complementary

Device application	Distribution
Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)
Mechanical durability	8000 Cycles
Electrical durability	2000 Cycles 230 AC 50 Hz
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...16 mm ² flexible

Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
Product certifications	GOST EAC
Tropicalisation	2
Relative humidity	95 %
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	194 G
Package 1 Height	7.42 Cm
Package 1 width	3.57 Cm
Package 1 Length	8.54 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	72
Package 2 Weight	15.7 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**



Main

Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	40 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1

Complementary

Device application	Distribution
Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)
Mechanical durability	8000 Cycles
Electrical durability	2000 Cycles 230 AC 50 Hz
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...16 mm ² flexible
Tightening torque	2 N.M top or bottom
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
Product certifications	EAC GOST
Tropicalisation	2
Relative humidity	95 %
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	194 G
Package 1 Height	7.42 Cm
Package 1 width	3.57 Cm
Package 1 Length	8.54 Cm

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Sustainable offer status	Green Premium product
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REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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