



## AD190

## RCBO 1M 1P 10kA C-32A 30mA AC

## **Technical properties**

rc			

Neutral position	right
Number of protected poles	1
Number of poles	1 P
Type of pole	1 P
Curve	С
Functions	
Concurrently switching N-neutral	No
Configuration	
Number of modules	1
Main electrical features	
Rated short circuit breaking capacity Icn AC	10.14
according IEC60898-1	10 kA
Rated operational voltage Ue	230 / 240 V
Frequency	50/60 Hz
Voltage	
Rated insulation voltage	250 V
Max operating voltage	253 V
Rated impulse withstand voltage	4000 V
Electric current	
Rated residual operating current	30 mA
Rated current	32 A
Breaking and opening capacity	6 kA
min/maxi threshold value of the AC thermal operation	1.13 / 1.45 In
Magnetic regulating currrent	5 / 10 ln
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	10 kA
Electric current / temperature	
Rating current -25°C	40.06 A
Rating current -20°C	39.39 A
Rating current -15°C	38.72 A
Rating current -10°C	38.03 A
Rating current -5°C	37.33 A
Rating current 0°C	36.62 A

Rating current 20°C 33.61 A Rating current 30°C 32.81 A Rating current 30°C 31.16 A Rating current 35°C 31.16 A Rating current 40°C 30.31 A Rating current 40°C 30.31 A Rating current 40°C 29.42 A Rating current 45°C 29.42 A Rating current 50°C 28.51 A Rating current 50°C 28.51 A Rating current 50°C 27.57 A Rating current 60°C 27.57 A Rating current 60°C 26.6 A  Current correction factor of rating current for 2 devices placed side-by-side 0.95 Correction factor of rating current for 3 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0.95 Correction factor of rating current for 6 devices placed side-by-side 1.55 Dimensions  Depth of installed product 70 mm Height of installed product 1.15 mm Width of installed product 1.7.5 mm Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1.000 Installation, mounting Tightening torque 2,1Nm Connection cross-section at output with screw, for missaye conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section for rigid		
Rating current 15°C 34.39 A Rating current 20°C 33.61 A Rating current 25°C 32.81 A Rating current 30°C 32.A Rating current 30°C 31.16 A Rating current 30°C 31.16 A Rating current 45°C 30.31 A Rating current 45°C 29.42 A Rating current 55°C 27.57 A Rating current 60°C 26.6 A  Current correction factor of rating current for 2 devices placed side-by-side 1 Correction factor of rating current for 3 devices placed side-by-side 0.95 Correction factor of rating current for 6 devices placed side-by-side 0.95 Correction factor of rating current for 8 devices placed side-by-side 0.95 Correction factor of rating current for 8 Depth of installed product 70 mm Height of installed product 115 mm Width of installed product 17.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping Protected against nuisance tripping No  Endurance Electric endurance in number of cycles 2000 Number of mechanical operations 1000  Installation, mounting Tightening torque 2,1Nm Connection cross-section at output with screw, for flexible conductor 1/16 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section for rigid		
Rating current 20°C 33.61 A Rating current 30°C 32.81 A Rating current 30°C 31.16 A Rating current 35°C 31.16 A Rating current 40°C 30.31 A Rating current 40°C 30.31 A Rating current 40°C 29.42 A Rating current 45°C 29.42 A Rating current 50°C 28.51 A Rating current 50°C 28.51 A Rating current 50°C 27.57 A Rating current 60°C 27.57 A Rating current 60°C 26.6 A  Current correction factor of rating current for 2 devices placed side-by-side 0.95 Correction factor of rating current for 3 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0.95 Correction factor of rating current for 6 devices placed side-by-side 1.55 Dimensions  Depth of installed product 70 mm Height of installed product 1.15 mm Width of installed product 1.7.5 mm Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1.000 Installation, mounting Tightening torque 2,1Nm Connection cross-section at output with screw, for missaye conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section at output with screw, for flexible conductor 1,16 mm² Connection cross-section for rigid	Rating current 10°C	35.14 A
Rating current 25°C 32.81 A Rating current 30°C 31.16 A Rating current 30°C 30.31 A Rating current 40°C 30.31 A Rating current 40°C 29.42 A Rating current 50°C 29.42 A Rating current 50°C 29.45 A Rating current 50°C 29.45 A Rating current 50°C 29.45 A Rating current 50°C 27.57 A Rating current 60°C 26.6 A Current correction factors  Current correction factor of rating current for 2 devices placed side-by-side 10.95 Correction factor of rating current for 3 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 10.95 Correction factor of rating current for 6 devices placed side-by-side 15.55 Correction factor of rating current for 6 devices placed side-by-side 15.55 Correction factor of rating current for 6 Dimensions  Depth of installed product 17.5 mm Width of installed product 17.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping Protected against nuisance tripping No  Endurance Electric endurance in number of cycles 2000 Number of mechanical operations 1000 Installation, mounting Tightening torque 2.1 Nm  Connection cross-section at output with screw, for flexible conductor 1/16 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section for rigid	Rating current 15°C	34.39 A
Rating current 30°C 31.16 A Rating current 40°C 30.31 A Rating current 40°C 29.42 A Rating current 45°C 29.42 A Rating current 50°C 28.51 A Rating current 50°C 28.51 A Rating current 50°C 27.57 A Rating current 60°C 26.6 A Current correction factors  Currection factor of rating current for 2 devices placed side-by-side 1 Correction factor of rating current for 3 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0.95 Correction factor of rating current for 6 devices placed side-by-side 0.85  Dimensions  Depth of installed product 70 mm Width of installed product 11.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1000 Installation, mounting Tightening torque 2.1 Nm  Connection  Connection cross-section at output with screw, for filexible conductor 1/25 mm² Connection cross-section at output with screw, for filexible conductor 1/25 mm² Connection cross-section at output with screw, for filexible conductor 1/25 mm² Connection cross-section at output with screw, for filexible conductor 1/25 mm² Connection cross-section for rigid	Rating current 20°C	33.61 A
Rating current 35°C 31.16 A Rating current 40°C 30.31 A Rating current 40°C 29.42 A Rating current 50°C 28.51 A Rating current 50°C 28.51 A Rating current 50°C 27.57 A Rating current 60°C 26.6 A  Current correction factors  Current correction factors  Correction factor of rating current for 2 devices placed side-by-side 1 Correction factor of rating current for 3 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0.95 Correction factor of rating current for 6 devices placed side-by-side 0.95  Dimensions  Depth of installed product 70 mm Height of installed product 115 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1000  Installation, mounting Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section for rigid	Rating current 25°C	32.81 A
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Rating current 45°C 29.42 A Rating current 50°C 28.51 A Rating current 50°C 27.57 A Rating current 60°C 26.6 A Rating current 60°C 26.6 A Current correction factors  Correction factor of rating current for 2 devices placed side-by-side 1 Correction factor of rating current for 3 devices placed side-by-side 0,95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0,95 Correction factor of rating current for 6 devices placed side-by-side 0,95  Dimensions  Depth of installed product 70 mm Height of installed product 115 mm Width of installed product 17.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss under IN 9.63 W Power loss paped at In 5.53 W  Tripping  Protected against nulsance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1000  Installation, mounting Tightening torque 2.1 Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for massive conductor 1/25 mm² Connection cross-section for rigid	Rating current 35°C	31.16 A
Rating current 50°C 28.51 A Rating current 55°C 27.57 A Rating current 60°C 26.6 A Current correction factors  Current correction factors  Correction factor of rating current for 2 devices placed side-by-side 1 Correction factor of rating current for 3 devices placed side-by-side 0.95  Correction factor of rating current for 4 and 5 devices placed side-by-side 0.99  Correction factor of rating current for 6 devices placed side-by-side 1.85  Dimensions  Depth of installed product 70 mm  Height of installed product 115 mm  Width of installed product 1.7.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/15 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Rating current 40°C	30.31 A
Rating current 55°C 27.57 A Rating current 60°C 26.6 A  Current correction factors  Correction factor of rating current for 2 devices placed side-by-side 1  Correction factor of rating current for 3 devices placed side-by-side 0.95  Correction factor of rating current for 4 and 5 devices placed side-by-side 0.99  Correction factor of rating current for 4 and 5 devices placed side-by-side 0.99  Correction factor of rating current for 6 devices placed side-by-side 1.85  Dimensions  Depth of installed product 70 mm  Height of installed product 1.15 mm  Width of installed product 1.7.5 mm  Frequency  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W  Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1.000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/15 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Rating current 45°C	29.42 A
Rating current 60°C 26.6 A  Current correction factors  Correction factor of rating current for 2 devices placed side-by-side 0.95 adevices placed side-by-side 0.95 Correction factor of rating current for 3 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0.95 Correction factor of rating current for 6 devices placed side-by-side 0.85  Dimensions  Dimensions  Depth of installed product 70 mm Height of installed product 115 mm Width of installed product 17.5 mm Width of installed product 17.5 mm Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at in 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1000 Installation, mounting  Trightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section for rigid	Rating current 50°C	28.51 A
Current correction factor of rating current for 2 devices placed side-by-side 0.95 Correction factor of rating current for 3 devices placed side-by-side 0.95 Correction factor of rating current for 4 and 5 devices placed side-by-side 0.99 Correction factor of rating current for 4 and 6 devices placed side-by-side 0.95 Correction factor of rating current for 6 devices placed side-by-side 0.85  Dimensions  Depth of installed product 70 mm Width of installed product 1.15 mm Width of installed product 1.7.5 mm Frequency Frequency 50 to 60 Hz  Power Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping Protected against nuisance tripping No  Endurance Electric endurance in number of cycles 2000 Number of mechanical operations 1000  Installation, mounting Trightening torque 2,1Nm Connection Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section for rigid	Rating current 55°C	27.57 A
Correction factor of rating current for 2 devices placed side-by-side 1  Correction factor of rating current for 3 devices placed side-by-side 0,95  Correction factor of rating current for 4 and 5 devices placed side-by-side 0,9  Correction factor of rating current for 6 devices placed side-by-side 0,85  Dimensions  Depth of installed product 70 mm Height of installed product 115 mm Width of installed product 17.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9,63 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1,16 mm²  Connection cross-section at output with screw, for flexible conductor 1,25 mm²  Connection cross-section at output with screw, for massive conductor 1,25 mm²  Connection cross-section at output with screw, for massive conductor 1,25 mm²  Connection cross-section at output with screw, for massive conductor 1,25 mm²  Connection cross-section for rigid	Rating current 60°C	26.6 A
devices placed side-by-side 1  Correction factor of rating current for 3 devices placed side-by-side 0.95  Correction factor of rating current for 4 and 5 devices placed side-by-side 0.99  Correction factor of rating current for 6 devices placed side-by-side 0.85  Dimensions  Depth of installed product 70 mm  Height of installed product 1115 mm  Width of installed product 17.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W  Power loss per pole at In 5.53 W  Tripping  Fredurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Current correction factors	
devices placed side-by-side 0.95  Correction factor of rating current for 4 and 5 devices placed side-by-side 0.95  Direction factor of rating current for 6 devices placed side-by-side 0.85  Dimensions  Depth of installed product 70 mm  Height of installed product 115 mm  Width of installed product 17.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2.1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Correction factor of rating current for 2 devices placed side-by-side	1
5 devices placed side-by-side 0.9  Correction factor of rating current for 6 devices placed side-by-side 0.85  Dimensions  Depth of installed product 70 mm Height of installed product 115 mm Width of installed product 17.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for flexible conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Correction factor of rating current for 3 devices placed side-by-side	0.95
Dimensions  Depth of installed product 70 mm Height of installed product 115 mm Width of installed product 17.5 mm  Frequency Frequency 50 to 60 Hz  Power Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1000  Installation, mounting  Connection  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm² Connection cross-section at output with screw, for flexible conductor 1/25 mm² Connection cross-section for rigid	Correction factor of rating current for 4 and 5 devices placed side-by-side	0.9
Depth of installed product 115 mm  Height of installed product 115 mm  Width of installed product 17.5 mm  Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Correction factor of rating current for 6 devices placed side-by-side	0.85
Height of installed product  Width of installed product  17.5 mm  Frequency  Frequency  Fower  Total power loss under IN  Power loss per pole at In  5.53 W  Tripping  Protected against nuisance tripping  No  Endurance  Electric endurance in number of cycles  Number of mechanical operations  1000  Installation, mounting  Tightening torque  2,1Nm  Connection  Connection  Connection cross-section at output with screw, for flexible conductor  1 / 16 mm²  Connection cross-section at output with screw, for massive conductor  1 / 25 mm²  Connection cross-section for rigid	Dimensions	
Frequency  Frequency  Frequency  Fower  Total power loss under IN  Power loss per pole at In  Tripping  Protected against nuisance tripping  Fedurance  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting  Tightening torque  Connection  Connection  Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for massive conductor  1 / 16 mm²  Connection cross-section at output with screw, for massive conductor  1 / 25 mm²  Connection cross-section for rigid	Depth of installed product	70 mm
Frequency 50 to 60 Hz  Power  Total power loss under IN 9.63 W  Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Height of installed product	115 mm
Power  Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Width of installed product	17.5 mm
Power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping Protected against nuisance tripping No  Endurance Electric endurance in number of cycles 2000 Number of mechanical operations 1000  Installation, mounting Tightening torque 2,1Nm  Connection  Connection Connection cross-section at output with screw, for flexible conductor 1/16 mm² Connection cross-section at output with screw, for massive conductor 1/25 mm² Connection cross-section at output with screw, for massive conductor 1/25 mm² Connection cross-section for rigid	Frequency	
Total power loss under IN 9.63 W Power loss per pole at In 5.53 W  Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²	Frequency	50 to 60 Hz
Protected against nuisance tripping  Protected against nuisance tripping  No  Endurance  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting  Tightening torque  Connection  Connection  Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for massive conductor  1 / 16 mm²  Connection cross-section at output with screw, for massive conductor  1 / 25 mm²  Connection cross-section for rigid	Power	
Tripping  Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Total power loss under IN	9.63 W
Protected against nuisance tripping No  Endurance  Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Power loss per pole at In	5.53 W
Electric endurance in number of cycles 2000 Number of mechanical operations 1000 Installation, mounting Tightening torque 2,1Nm  Connection  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Tripping	
Electric endurance in number of cycles 2000  Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Protected against nuisance tripping	No
Number of mechanical operations 1000  Installation, mounting  Tightening torque 2,1Nm  Connection  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Endurance	
Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Electric endurance in number of cycles	2000
Tightening torque 2,1Nm  Connection  Connection cross-section at output with screw, for flexible conductor 1/16 mm²  Connection cross-section at output with screw, for massive conductor 1/25 mm²  Connection cross-section for rigid	Number of mechanical operations	1000
Connection  Connection cross-section at output with screw, for flexible conductor 1 / 16 mm²  Connection cross-section at output with screw, for massive conductor 1 / 25 mm²  Connection cross-section for rigid	Installation, mounting	
Connection cross-section at output with screw, for flexible conductor 1 / 16 mm²  Connection cross-section at output with screw, for massive conductor 1 / 25 mm²  Connection cross-section for rigid	Tightening torque	2,1Nm
connection cross-section at output with screw, for massive conductor 1 / 16 mm²  Connection cross-section at output with 1 / 25 mm²  Connection cross-section for rigid	Connection	
screw, for massive conductor 1 / 25 mm <sup>2</sup> Connection cross-section for rigid	Connection cross-section at output with screw, for flexible conductor	1 / 16 mm²
	Connection cross-section at output with screw, for massive conductor	1 / 25 mm²
	Connection cross-section for rigid conductor, upstream terminals with screws	1 / 25 mm²

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Sta	n	o la l	ra	5

Standards		
Standard text	IEC 61009-1 ; EN 61009-1	
Safety		
Residual current type	AC	
Use conditions		
Degree of pollution according to IEC 60664 / IEC 60947-2	2	
Class of energy limitation I²t	3	
Altitude	2000 m	
Air humidity protection	Execution II	