



NEN432

MCB 4P 6/10kA B-32A 4M

Technical Features

Electric current	
Rated current	32
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	15 k
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	10 k

Rated service breaking capacity los under 230 V AC according to IEC 60947-2 15 KA Rated short-circuit breaking capacity lon under 230 V AC according to IEC 60988-1 10 kA Rated ultimate short-circuit breaking capacity lou under 230 V AC IEC 60947-2 20 kA Rated ultimate short-circuit breaking capacity lou under 230 V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity lou under 400 V AC IEC 60947-2 10 kA Architecture Type of pole 4P Curve B Capacity Number of modules 4P Curve B Rated short-circuit breaking capacity lou 10 kA Caccording to IEC 60898-1 6 kA Installation, mounting Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque 3.80 - 2.80 Nm Nominal tightening torque 3.80 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1	Electric current	
Rated short-circuit breaking capacity lcn under 230 V AC according to IEC 60898-1 10 kA Rated ultimate short-circuit breaking capacity lcu under 230 V AC IEC 60947-2 20 kA Rated ultimate short-circuit breaking capacity lcu under 400 V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity lcu under 400 V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity lcu under 400 V AC IEC 60947-2 10 kA Rated short-circuit breaking capacity lcu under 400 V AC IEC 60947-2 10 kA PC Qurve BB Capacity Number of modules 4 PC Qurve BB Capacity Main electrical attributes Rated short-circuit breaking capacity lcn AC according to IEC 60898-1 6 kA Installation, mounting Nominal lightening torque top terminal 2.80 - 2.80 Nm Nominal lightening torque down terminal 2.80 - 2.80 Nm Nominal lightening torque down terminal 2.80 - 2.80 Nm Nominal lightening torque down terminal 2.80 - 2.80 Nm Nominal lightening torque down terminal 2.80 - 2.80 Nm Nominal lightening torque down terminal 2.80 - 2.80 Nm Nominal lightening torque down terminal 2.80 - 2.80 Nm Nominal lightening torque down terminal 2.80 - 2.80 Nm Nominal lightening voltage Ui 5000 V Rated impulse withstand voltage Uimp 6000 V Prequency Frequency	Rated current	32 A
Rated ultimate short-circuit breaking capacity lou under 230 V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity lou under 400 V AC IEC 60947-2 10 kA Architecture Type of pole 4P Curve B Capacity Number of modules 44 Main electrical attributes Rated short-circuit breaking capacity lon AC according to IEC 60998-1 6 kA Installation, mounting Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage U 400 - 400 V Type voltage supply AC Rated insulation voltage Ui 5000 V Reauency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flex	Rated service breaking capacity lcs under 230 V AC according to IEC 60947-2	15 kA
Rated ultimate short-circuit breaking capacity lou under 400 V AC IEC 60947-2 Architecture Type of pole 4P Curve 8B Capacity Number of modules 44 Main electrical attributes Rated short-circuit breaking capacity lon AC according to IEC 60898-1 6 kA Installation, mounting Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 3.80 Nm Rated insulation voltage Ui 500 V Rated insulation voltage Ui 500 V Rated insulation voltage Uimp 6000 V Frequency Frequency Frequency Frequency Frequency Frequency Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conducto	Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	10 kA
Architecture Type of pole Curve B Capacity Number of modules Admin electrical attributes Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 B. Capacity Nominal tightening torque top terminal Nominal tightening torque down terminal Caso - 2.80 Nm Nominal tightening torque down terminal Caso - 2.80 Nm Voltage Rated operational voltage Ue Ado - 400 V Type voltage supply AC Rated insulation voltage Ui Roov V Frequency Frequen	Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	20 kA
Type of pole Ape Curve BB Capacity Number of modules 4 Main electrical attributes Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 6 kA Installation, mounting Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal supply AC Rated insulation voltage Ue 400 - 400 V Type voltage supply AC Rated insulation voltage Uinp 6000 V Frequency Frequency Frequency Frequency 50 - 60 Hz Consection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices 5 csrew terminal 360° mounting position possible 2.80 - 2.80 Nm Type of bottom connection for modular devices 3 csrew terminal 360° mounting position possible 7 yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I°t 3 Operating temperature 2.50 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection alignment for modular devices Aligned terminal 70 po onnection alignment for modular devices Aligned terminal 70 po onnection alignment for modular devices Aligned terminal 70 po onnection alignment for modular devices Aligned terminal 70 po onnection alignment for modular devices Aligned terminal 70 po onnection alignment for modular devices Aligned terminal 70 po onnection alignment for modular devices Aligned terminal 70 po onnection alignmen	Rated ultimate short-circuit breaking capacity lcu under 400 V AC IEC 60947-2	10 kA
Curve B Capacity Number of modules 4 Main electrical attributes Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 6 kA Installation, mounting Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 400 - 400 V Type voltage supply AC Rated insulation voltage Ui 500 V Rated insulation voltage Uipp 6000 V Frequency Frequency Frequency Frequency Frequency 50 - 60 Hz Consection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of in		
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Number of modules Main electrical attributes Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 6 kA Installation, mounting Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 400 - 400 V Type voltage supply According to IEC 60898-1 6000 V Rated impulse withstand voltage Uimp 6000 V Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Installation, mounting Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices 5 crew terminal 360° mounting position possible 7 yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I°t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection Screw terminal Aligned terminal	Curve	В
Main electrical attributes Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 6 kA Installation, mounting Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 400 - 400 V Type voltage supply AC Rated insulation voltage Ui 500 V Rated insulation voltage Ui 6000 V Frequency Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input and output with screws, for flexible conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices 5 crew terminal 360° mounting position possible 7 es Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I°t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection S Crew terminal 7, Aligned terminal 7, A	Capacity	
Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 6 kA Installation, mounting Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 400 - 400 V Type voltage supply AC Rated insulation voltage Ui 500 V Rated insulation voltage Ui 500 V Rated insulation voltage Uimp 6000 V Frequency Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 5 - 25 mm² Cross-section of input and output with screws, for flexible conductors 5 - 25 mm² Cross-section of input and output with screws, for flexible conductors 5 - 25 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input and output with screws, for flexible conductors 5 - 25 mm² Cross-section of input and output with screws, for flexible conductors 5 - 25 mm² Cross-section of input and output with screws, for flexible conductors 5 - 25 mm² Cross-section of input and output with screws, for flexible conductors 5 - 25 - 70 °C Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices 5 screw terminal 360° mounting position posible 7 yes Use conditions Use conditions Use conditions Use conditions Use conditions Use conditions Connectivity Type of connection for modular devices Aligned terminal 7 pc connection alignment for modular devices Aligned terminal 7 pc connection alignment for modular devices Aligned terminal 7 pc connection alignment for modular devices Aligned terminal 7 pc connection alignment for modular devices A	Number of modules	4
Installation, mounting Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 400 - 400 V Type voltage supply AC Rated insulation voltage Ui 500 V Rated insulation voltage Ui 500 V Rated insulation voltage Uimp 6000 V Frequency Frequency Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Latellation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices 5 biconnect Type of top connection for modular devices 5 Screw terminal 360° mounting position possible 7 cs Use conditions Use conditions Use or energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Main electrical attributes	
Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 400 - 400 V Type voltage supply AC Rated insulation voltage Ui 500 V Rated insulation voltage Ui 500 V Rated insulation voltage Uimp 6000 V Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Nm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Nm² Nminal tightening torque 2.80 - 2.80 Nm Ype of bottom connection for modular devices 5 biconnect Type of top connection for modular devices 5 Screw terminal 360° mounting position possible Yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal Top connection alignment for modular devices Aligned terminal	Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	6 kA
Nominal tightening torque down terminal Voltage Rated operational voltage Ue Acc Rated insulation voltage Ui Rated insulation voltage Ui Rated insulation voltage Ui Rated insulation voltage Uip Rated insulation voltage Uip Reted impulse withstand voltage Uimp Reted impulse withstand voltage Uimp Requency Frequency Frequency Consection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Installation, mounting Nominal tightening torque Type of bottom connection for modular devices Screw terminal 360° mounting position possible Ves Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Class of energy limitation I²t 3 Operating temperature Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Installation, mounting	
Voltage Rated operational voltage Ue	Nominal tightening torque top terminal	2.80 - 2.80 Nm
Rated operational voltage Ue 7 ype voltage supply 8 AC Rated insulation voltage Ui 8 500 V Rated insulation voltage Uipp 8 6000 V Frequency Frequency Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 7 cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2 .80 - 2.80 Nm Type of bottom connection for modular devices 1 ype of top connection for modular devices Screw terminal 360° mounting position possible Yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Class of energy limitation I²t 3 Operating temperature - 25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection alignment for modular devices Aligned terminal Top connection alignment for modular devices Aligned terminal	Nominal tightening torque down terminal	2.80 - 2.80 Nm
Type voltage supply Rated insulation voltage Ui Rated insulation voltage Ui Rated impulse withstand voltage Uimp Frequency Frequency Connection Cross-section of input and output with screws, for massive conductors Tross-section of input and output with screws, for flexible conductors Tross-section of input with screws, for massive conductors Tross-section of input with screws, for flexible condu	Voltage	
Rated insulation voltage Ui 500 V Rated impulse withstand voltage Uimp 6000 V Frequency Frequency Frequency Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices 5 biconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection alignment for modular devices Aligned terminal	Rated operational voltage Ue	400 - 400 V
Rated impulse withstand voltage Uimp 6000 V Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices biconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Yes Use conditions Ves Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Aligned t	Type voltage supply	AC
Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices 5 biconnect Type of top connection for modular devices 5 Screw terminal 360° mounting position possible 7 yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Rated insulation voltage Ui	500 V
Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices biconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Screw terminal Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Rated impulse withstand voltage Uimp	6000 V
Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices biconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Screw terminal Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Frequency	
Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2 . 80 - 2 . 80 Nm Type of bottom connection for modular devices 5 biconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Ves Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Class of energy limitation I²t 3 Operating temperature 2 class of energy limitation I²t 3 operating temperature Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal		50 - 60 Hz
Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2 . 80 - 2 . 80 Nm Type of bottom connection for modular devices 5 biconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Ves Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Class of energy limitation I²t 3 Operating temperature 2 class of energy limitation I²t 3 operating temperature Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Connection	
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Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting Nominal tightening torque Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices Disconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Class of energy limitation I²t 3 Operating temperature Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	· · · ·	
Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Type of bottom connection for modular devices biconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal		
Nominal tightening torque Type of bottom connection for modular devices Diconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Ves Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Class of energy limitation I²t 3 Operating temperature 7-25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	• •	
Nominal tightening torque Type of bottom connection for modular devices Diconnect Type of top connection for modular devices Screw terminal 360° mounting position possible Ves Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Class of energy limitation I²t 3 Operating temperature 7-25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Installation mounting	
Type of top connection for modular devices 360° mounting position possible Ves Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal		2.80 - 2.80 Nm
360° mounting position possible Yes Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Type of bottom connection for modular devices	biconnect
Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Type of top connection for modular devices	Screw terminal
Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	360° mounting position possible	Yes
Class of energy limitation I²t 3 Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Use conditions	
Operating temperature -25 - 70 °C Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Degree of pollution according to IEC 60664 / IEC 60947-2	2
Power Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Class of energy limitation I ² t	3
Total power loss under IN 16.50 W Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Operating temperature	-25 - 70 °C
Connectivity Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Power	
Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Total power loss under IN	16.50 W
Type of connection Screw terminal Top connection alignment for modular devices Aligned terminal	Connectivity	
Top connection alignment for modular devices Aligned terminal	•	Screw terminal
	Top connection alignment for modular devices	Aligned terminal

Dimensions

Height Width

Depth

83 mm

70 mm 70 mm



Sustainability

RoHS conform Yes

Illustrations | Drawings



