



HMD490



## MCB 4P 15kA D-100A 6M

## **Technical characteristics**

Arc	le i i			
Arc	nn	cec	tu	re

Architecture	
Number of protected poles	4
Number of poles	4 P
Type of pole	4 P
Curve	D
Functions	
Concurrently switching N-neutral	No
Configuration	
Number of modules	6
Connectivity	
Top connection alignement for modular devices	Aligned terminal
Bottom connection alignement for modular devices	Aligned terminal
Main electrical features	
Rated short circuit breaking capacity Icn AC according IEC60898-1	15 kA
Rated operational voltage Ue	415 V
Type of supply voltage	AC
Frequency	50/60 Hz
Voltage	
Rated insulation voltage	500 V
Rated impulse withstand voltage	6000 V
Electric current	
Rated current	100 A
Rated service breaking capacity Ics AC according IEC 60898-1	7.5 kA
min/maxi threshold value of the AC thermal operation	1.13 / 1.45 In
Magnetic regulating currrent	10 / 20 In
Rating current 10°C according to IEC 60947	124 A
Rating current 15°C according to IEC 60947	120 A
Rating current 20°C according to IEC 60947	116 A
Rating current 25°C according to IEC 60947	112 A
Rating current 30°C according to IEC 60947	108 A
Rating current 35°C according to IEC 60947	104 A

Rating current 40°C according to IEC 60947	100 A
Rating current 45°C according to IEC 60947	96.6 A
Rating current 50°C according to IEC 60947	93.1 A
Rating current 55°C according to IEC 60947	89.4 A
Rating current 60°C according to IEC 60947	85.6 A
Rating current 65°C according to IEC 60947	81.6 A
Rating current 70°C according to IEC 60947	77.5 A
Breaking capacity on 1 pole for IT 400V NF	
60947-2	4.5 kA
Breaking capacity on 1 pole for IT 415V NF 60947-2	4.5 kA
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	15 kA
Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1	15 kA
Rated service breaking capacity lcs AC according IEC 60947-2	50 %
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	15 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	15 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	15 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	15 kA
Electric current / temperature	
Rating current 0°C	124 A
Rating current 5°C	120 A
Rating current 10°C	116 A
Rating current 15°C	112 A
Rating current 20°C	108 A
Rating current 25°C	104 A
Rating current 30°C	100 A
Rating current 35°C	96.6 A
Rating current 40°C	93.1 A
Rating current 45°C	89.4 A
Rating current 50°C	85.6 A
Rating current 55°C	81.6 A
Rating current 60°C	77.5 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	0.9
Correction factor of rating current for 6	0.85
devices placed side-by-side	
Dimensions	

Frequency Freque	Height of installed product	90 mm
Frequency  Power  Total power loss under IN  28.1 V Power loss per pole at In  7.74 V  Endurance  Electric endurance in number of cycles  Number of mechanical operations  20000  Installation, mounting  Type of top connection for modular devices  Tightening torque  3,5 to 5Nm Type of top rail clip for modular devices  Plasti Type of bottom rail clip for modular devices  Plasti Type of Bottom Connection for modular devices  Type of Bottom Tail clip for modular devices  Plasti Type of Bottom Tonnection for modular devices  Type of Bottom removability for modular devices  Ye  Bottom removability for modular devices  Ye  Connection  Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for flexible conductor  Connection cross-section for rigid conductor conductor upstream terminals with screws  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductor  Connection cross-section of input and output with screws, for massive conductor  Connection cross-section of input and output with screws, for massive conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of scress and exit with screws, for flexible conductor  Connection cross-section of scress and exit with screws, for flexible conductor  Ye  REACH conform  Ye  REACH conform  Ye  ROBUS conform  Ye  ROBUS conform  Ye  Robus conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Width of installed product	106 mm
Power loss per pole at in 7.74 V  Endurance  Electric endurance in number of cycles 400  Number of mechanical operations 2000  Installation, mounting  Type of top connection for modular devices with screw 10 pole at in 10 pole at 1	Frequency	
Total power loss under IN 7,74 We Power loss per pole at In 7,74 We Power	Frequency	50 to 60 Hz
Power loss per pole at in 7,74 v  Endurance  Electric endurance in number of cycles 4000  Number of mechanical operations 20000  Installation, mounting  Type of top connection for modular devices with screen in the properties of	Power	
Electric endurance in number of cycles 400  Number of mechanical operations 2000  Installation, mounting  Type of top connection for modular devices with screv. 7 plastify per of top rail clip for modular devices plastify per of bottom rail clip for modular devices plastify per of bottom rail clip for modular devices plastify per of Bottom Connection for modular devices plastify per of Bottom Connection for modular devices yet with screv. 7 per per ovability for modular devices yet 8 bottom removability for modular devices yet 9 for flexible conductor 1 / 50 mm Connection cross-section at output with screw, for massive conductor 1 / 70 mm Connection cross-section for rigid conductor, upstream terminals with screws 1 / 70 mm Connection cross-section of the access with screws, with flexible conductor 1 / 50 mm Connection cross-section of access with screws, for massive conductor 1 / 50 mm Connection cross-section of access and exit with screws, for flexible conductor 1 / 50 mm Type of connection remassive conductor 1 / 50 mm Type of connection remassive conductor 1 / 50 mm Type of connection the access and exit with screws, for flexible conductor 1 / 50 mm Type of connection remassive conductor 1 / 50 mm Type of connection yet 8 bottom 1 / 50 mm Type of connection yet 8 bottom 1 / 50 mm Type of connection yet 9 flexible conductor 9 / 9 flexible yet	Total power loss under IN	28.1 W
Electric endurance in number of cycles  Number of mechanical operations  2000  Installation, mounting  Type of top connection for modular devices  Tightening torque  3,5 to 5Nn Type of top rail clip for modular devices  Plasti Type of bottom rail clip for modular devices  Type of Bottom Connection for modular devices  Type of Bottom Connection for modular devices  Top removability for modular devices  Ye Bottom removability for modular devices  Ye Bottom removability for modular devices  Ye Connection  Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for massive conductor  Connection cross-sect, rigid cable  Connection cross-sect, rigid cable  Connection cross-section for rigid  conductor, upstream terminals with screws  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and with screws, for flexible conductor  Connection cross-section of input and with screws, for flexible conductor  Connection cross-section of input and with screws, for flexible conductor  Connection cross-section of input and with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with screws, for flexible conductor  Connection cross-section of input and output with	Power loss per pole at In	7.74 W
Installation, mounting Type of top connection for modular devices Tightening torque Type of top rall clip for modular devices Type of bottom rail clip for modular devices Type of Bottom Connection for modular devices Type of Bottom consection at output with screw, for flexible conductor  Connection Connection cross-section at output with screw, for massive conductor Connection cross-sect, flexible conductor Connection cross-sect, flexible conductor Connection cross-sect, rigid cable Tomme Connection cross-sect, rigid cable Tomme Connection cross-section of the access with screws Connection cross-section of the access with screws, for massive conductor Connection cross-section of input and output with screws, for massive conductors Type of connection of access and exit with screws, for flexible conductor Connection cross-section of access and exit with screws, for flexible conductor Type of connection T	Endurance	
Type of top connection for modular devices Tightening torque 3,5 to 5Nn Type of top rail clip for modular devices Type of bottom rail clip for modular devices Type of Bottom Connection for modular devices Top removability for modular devices Type of Bottom Connection to the state of the s	Electric endurance in number of cycles	4000
Type of top connection for modular devices Tightening torque 3,5 to 5Nn Type of top rail clip for modular devices Type of Bottom rail clip for modular devices Type of Bottom Connection for modular devices Type of Bottom removability for modular devices Type of Connection cross-section at output with screw, for flexible conductor Type of Experimental Systems of the section of Type of Connection cross-section at output with screw, for massive conductor Type of Connection cross-section for rigid conductor, upstream terminals with screws Connection cross-section of the access with screws, with flexible conductor Type of Connection cross-section of input and output with screws, for massive conductors Connection cross-section of input and output with screws, for flexible conductor Type of connection	Number of mechanical operations	20000
Tightening torque 3,5 to 5Nr Type of top rail clip for modular devices plasti Type of Bottom Connection for modular devices with screw Type of Bottom Connection for modular devices ye Bottom removability for modular devices ye Connection Connection cross-section at output with screw, for flexible conductor 1/50 mm Connection cross-section at output with screw, for massive conductor 50mm Connection cross-sect. flexible conductor 50mm Connection cross-sect. rigid cable 70mm Connection cross-section of input and conductor, upstream terminals with screws Connection cross-section of the access with screws, with flexible conductor 1/50 mm Connection cross-section of input and coutput with screws, for massive conductors 1/70 mm Connection cross-section of input and coutput with screws, for flexible conductor 1/50 mm Type of connection the screes and exit with screws, for flexible conductor 1/70 mm Type of connection with screws in the screen of	Installation, mounting	
Type of top rail clip for modular devices plasti Type of bottom rail clip for modular devices plasti Type of Bottom Connection for modular devices with screw Top removability for modular devices Ye Bottom removability for modular devices Ye Bottom removability for modular devices Ye Bottom removability for modular devices Ye Connection Connection cross-section at output with screw, for flexible conductor 1/50 mm Connection cross-section at output with screw, for massive conductor 50mm Connection cross-sect. flexible conductor 50mm Connection cross-section for rigid conductor, upstream terminals with screws 1/70 mm Connection cross-section of the access with screws, with flexible conductor 1/50 mm Connection cross-section of input and output with screws, for massive conductors 1/70 mm Connection cross-section of access and exit with screws, for flexible conductor 1/50 mm Type of connection the section of access and exit with screws, for flexible conductor 1/50 mm Type of connection Plexible Conductor 1/50 mm Type of connection Conscious Section Office Conductor 1/50 mm Type of connection Conscious Section Office Conductor 1/50 mm Type of Connection Conscious Section Office Conductor 1/50 mm Type of Connection Conscious Section Office Conductor 1/50 mm Type of Connection Conscious Section Office Conductor 1/50 mm Type of Connection Conscious Section Office Conductor 1/50 mm Type of Connection Conscious Section Office Conductor 1/50 mm Type of Connection Conscious Section	Type of top connection for modular devices	with screw
Type of bottom rail clip for modular devices Type of Bottom Connection for modular devices Type of Bottom Connection for modular devices Type of Bottom Connection for modular devices Type Bottom removability for modular devices  Connection  Connection  Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. rigid cable  Connection cross-section for rigid conductor ross-section of the access with screws, with flexible conductor  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductors  Connection cross-section of faccess and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Type of connection  Standards  Standards  Standards  Standard text  EN 60898-1; IEC 60947-  Safety  We conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Tightening torque	3,5 to 5Nm
Type of Bottom Connection for modular devices with screw. Top removability for modular devices Ye Bottom removability for modular devices Ye Bottom removability for modular devices Ye Bottom removability for modular devices Ye Connection  Connection Consection at output with screw, for flexible conductor 1/50 mm  Connection cross-section at output with screw, for massive conductor 50mm  Connection cross-sect, rigid cable 70mm  Connection cross-section for rigid 70mm  Connection cross-section of the access with 80mm screws, with flexible conductor 1/70 mm  Connection cross-section of the access with 80mm screws, with flexible conductor 1/50 mm  Connection cross-section of input and 80mm output with screws, for massive conductors 1/70 mm  Connection cross-section of access and exit 80mm with screws, for flexible conductor 1/50 mm  Type of connection the flexible conductor 1/50 mm  Type of connection the flexible conductor 1/50 mm  Type of connection Packets and exit 80mm with screws, for flexible conductor 1/50 mm  Type of connection Packets and exit 80mm with tightening compensation system  Standards  Standards  Standards  Standard text EN 60898-1; IEC 60947-  Safety  We conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Type of top rail clip for modular devices	Plastic
devices with screw Top removability for modular devices Yes Bottom removability for modular devices Yes Bottom removability for modular devices Yes Connection  Connection Connection cross-section at output with screw, for flexible conductor 1/50 mm 1/70 mm 20 mmssive conductor 1/70 mm 20 mmssive conductor 50 mm 20 mmssive conductor 50 mm 20 mmssive conductor 50 mm 20 mmssive conductor 70 mm 20 mmssive conductor, upstream terminals with screws 1/70 mm 20 mmssive conductor, upstream terminals with screws 1/70 mm 20 mmssive conductor 1/50 mm 20 mmssive conductor 1/50 mm 20 mmssive conductor 1/50 mm 20 mmssive conductors 1/70 mm 20 mmssive conductors 1/70 mm 20 mmssive conductors 1/70 mm 20 mmssive conductors 20 mmssive conductor 20 mmssive conductor 20 mmssive conductor 30 mms	Type of bottom rail clip for modular devices	plastic
Top removability for modular devices  Bottom removability for modular devices  Ye  Connection  Connection Consection at output with screw, for flexible conductor  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Connection cross-section for rigid conductor, upstream terminals with screws  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductors  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of expensive conductors  Connection cross-section of access and exit with screws, for flexible conductor  Type of connection  Standards  Standards  Standard text  EN 60898-1 ; IEC 60947-  Safety  We conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Type of Bottom Connection for modular	with screw
Connection  Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for massive conductor  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Connection cross-section for rigid conductor, upstream terminals with screws  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductors  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for massive conductors  Connection cross section of access and exit with screws, for massive conductors  Connection cross section of access with screws  Connection cross section of the access with screws  1 / 70 mm  Connection cross section of the access with screws  1 / 50 mm  1 / 50 mm  2 / 50 mm  Connection cross section of the access with screws  1 / 50 mm  2 / 50 mm  3 / 50 mm  2 / 50 mm  3 / 50 mm  4 / 50 mm  5 / 50 mm  5 / 50 mm  7 / 50 m		
Connection  Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible conductor  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Connection cross-section for rigid conductor, upstream terminals with screws  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductors  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, with flexible conductor  Connection cross-section of access and exit with screws, with flexible conductor  Connection cross-section of access and exit with screws, with flexible conductor  1 / 50 mm  2 / 50 mm  Connection cross-section of access and exit with screws, with flexible conductor  1 / 50 mm  Connection cross-section of access and exit with screws, with flexible conductor  1 / 50 mm  Connection cross-section of access and exit with screws and exit with screws and exit with screws and exit w		Yes
Connection cross-section at output with screw, for flexible conductor  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Connection cross-section for rigid conductor, upstream terminals with screws  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductors  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection tross section of access and exit with screws, for flexible conductor  Connection tross section of access and exit with screws, for flexible conductor  Connection tross section of access and exit with screws, for flexible conductor  Connection tross section of access and exit with screws, for flexible conductor  Connection tross section of access and exit with screws, for flexible conductor  Connection tross section of access and exit with screws, for flexible conductor  Connection tross section of access and exit with screws, for flexible conductor  Connection tross section of access and exit with screws, for flexible conductor  Connection tross section of access with screws in the access and screws in the access access with screws in the access access with screws in the access access with screws in the access access and exit with screws, for massive conductors  1 / 70 mm  Connection cross-section of the access with screws in the access with screws in the access access with screws in the access access and exit with screws in the access acces	•	
Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Connection cross-section for rigid conductor, upstream terminals with screws  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductors  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross-section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductor  Connection cross section of access and exit with screws, for flexible conductors  Connection cross-section of access and exit with screws, for flexible conductors  Connection cross-section of access and exit with screws, for flexible conductors  Connection cross-section of the access with screws  1 / 50 mm  Type of connection  Standards  EN 60898-1 ; IEC 60947-  Safety  REACH conform  Ye ROHS conditions	Connection	
Screw, for massive conductor  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Connection cross-sect. rigid cable  Connection cross-section for rigid conductor, upstream terminals with screws  Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductors  Connection cross section of access and exit with screws, for flexible conductor  Type of connection  terminal with tightening compensation system  Standards  Standard text  EN 60898-1; IEC 60947-  Safety  REACH conform  Ye Halogen free  Nu  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Connection cross-section at output with screw, for flexible conductor	1 / 50 mm²
Connection cross-sect. rigid cable 70mm  Connection cross-section for rigid conductor, upstream terminals with screws 1/70 mm  Connection cross-section of the access with screws, with flexible conductor 1/50 mm  Connection cross-section of input and output with screws, for massive conductors 1/70 mm  Connection cross section of access and exit with screws, for flexible conductor 1/50 mm  Type of connection terminal with tightening compensation system  Standards  Standards  Standard text EN 60898-1; IEC 60947-  Safety  REACH conform Ye  Halogen free Ne  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Connection cross-section at output with screw, for massive conductor	1 / 70 mm²
Connection cross-section for rigid conductor, upstream terminals with screws 1 / 70 mm  Connection cross-section of the access with screws, with flexible conductor 1 / 50 mm  Connection cross-section of input and output with screws, for massive conductors 1 / 70 mm  Connection cross section of access and exit with screws, for flexible conductor 1 / 50 mm  Type of connection terminal with tightening compensation system  Standards  Standards  Standard text EN 60898-1 ; IEC 60947-  Safety  REACH conform Ye  Reach conform Ye  Halogen free No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Connection cross-sect. flexible conductor	50mm <sup>2</sup>
Connection cross-section of the access with screws, with flexible conductor  Connection cross-section of input and output with screws, for massive conductors  Connection cross section of access and exit with screws, for flexible conductor  Type of connection  Standards  Standard text  EN 60898-1; IEC 60947-  Safety  REACH conform  Ye Halogen free  No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Connection cross-sect. rigid cable	70mm <sup>2</sup>
Screws, with flexible conductor 1 / 50 mm  Connection cross-section of input and output with screws, for massive conductors 1 / 70 mm  Connection cross section of access and exit with screws, for flexible conductor 1 / 50 mm  Type of connection terminal with tightening compensation system  Standards  Standards  Standard text EN 60898-1; IEC 60947-1  Safety  REACH conform Ye  RoHS conform Ye  Halogen free No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Connection cross-section for rigid conductor, upstream terminals with screws	1 / 70 mm²
Connection cross section of access and exit with screws, for flexible conductor 1 / 50 mm  Type of connection terminal with tightening compensation system  Standards  Standard text EN 60898-1; IEC 60947-  Safety  REACH conform Ye  RoHS conform Ye  Halogen free No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Connection cross-section of the access with screws, with flexible conductor	1 / 50 mm²
with screws, for flexible conductor 1 / 50 mm Type of connection terminal with tightening compensation system  Standards  Standard text EN 60898-1; IEC 60947-  Safety  REACH conform Ye RoHS conform Ye Halogen free No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Connection cross-section of input and output with screws, for massive conductors	1 / 70 mm²
Standards  Standard text EN 60898-1 ; IEC 60947-  Safety  REACH conform Ye  RoHS conform Ye  Halogen free No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Connection cross section of access and exit with screws, for flexible conductor	1 / 50 mm²
Standard text EN 60898-1 ; IEC 60947-  Safety  REACH conform Ye  RoHS conform Ye  Halogen free No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Type of connection	terminal with tightening compensation system
Safety  REACH conform  Ye  RoHS conform  Ye  Halogen free  No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	Standards	
REACH conform Ye RoHS conform Ye Halogen free No Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2	Standard text	EN 60898-1 ; IEC 60947-2
REACH conform Ye RoHS conform Ye Halogen free No Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2	Safety	
Halogen free No  Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	REACH conform	Yes
Use conditions  Degree of pollution according to IEC 60664 / IEC 60947-2	RoHS conform	Yes
Degree of pollution according to IEC 60664 / IEC 60947-2	Halogen free	No
Degree of pollution according to IEC 60664 / IEC 60947-2	Use conditions	
	Degree of pollution according to IEC 60664 /	
	Altitude	2000 m

Air humidity protection	for all climates
temperatur	
Temperature of calibration	30 °C
Identification	
Aesthetic for B.G. Protection devices	PD