



HNJ320HR

## Moulded Case Circuit Breaker h3 x630 LSnI Fixed 3P3D 320A 40kA FTC

## **Technical characteristics**

Arcl	hite	cture
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Type of order	Toggle
Neutral position	without neutral
Number of protected poles	3
Number of poles	3 P
Type of pole	3P3D
Type of case	Fixed built-in
Functions	
Complete device with protection unit	Yes
Version as main switch	Yes
Version as emergency stop installation	No
Version as safety switch	No
Version as maintenance-/service switch	Yes
Trip Unit	LSNI
With integrated earth leakage fault protection	No
Controls and indicators	
Motor drive integrated	No
Main electrical features	
Rated operational voltage Ue	220 / 415 V
Type of supply voltage	AC
Frequency	50/60 Hz
Voltage	
Rated insulation voltage	800 V
Rated impulse withstand voltage	8 kV
With under voltage release	No
Electric current	
Rated current	320 A
Rating current 10°C according to IEC 60947	320 A
Rating current 15°C according to IEC 60947	320 A
Rating current 20°C according to IEC 60947	320 A
Rating current 25°C according to IEC 60947	320 A
Rating current 30°C according to IEC 60947	320 A
Rating current 35°C according to IEC 60947	320 A
Rating current 40°C according to IEC 60947	320 A

Rating current 55°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Realing capacity on 1 pole for IT 230V NF 60947-2 Breaking capacity on 1 pole for IT 415V NF 60947-2 Readed ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC	Rating current 45°C according to IEC 60947	320 A
Rating current 60°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Reting capacity on 1 pole for IT 230V NF 60947-2 Breaking capacity on 1 pole for IT 415V NF 60947-2 Reted ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking	Rating current 50°C according to IEC 60947	320 A
Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating capacity on 1 pole for IT 230V NF 60947-2 10 lb Breaking capacity on 1 pole for IT 410V NF 60947-2 10 lb Breaking capacity on 1 pole for IT 415V NF 60947-2 Rated ultimate short-circuit breaking capacity keu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity keu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity keu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity keu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity keu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity keu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity keu under 420V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity keu under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity keu under 380V AC IEC 60947-2  Power 10 lb Installed product 150 m Power 10 lb Installed product 150 m Power 10 lb Installed product 160 m Prequency Power Power Power 10 lb Installed product 160 m Prequency Power 10 lb Installed product 17 lb Installed product 18 lb Installed product 19 lb Installed product 10 lb Installed product 11 lb Installed product 12 lb Installed product 13 lb Installed product 14 lb Installed product 15 lb Installed product 16 lb Installed product 16 lb Installed product 17 lb Installed pro	Rating current 55°C according to IEC 60947	320 A
Rating current 70°C according to IEC 60947  Breaking capacity on 1 pole for IT 230V NF 60947-2  10 le Breaking capacity on 1 pole for IT 400V NF 60947-2  10 le Breaking capacity on 1 pole for IT 400V NF 60947-2  Rated ultimate short-circuit breaking capacity lcu under 230V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 230V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 415V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 415V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 380V AC IEC 60947-2  Power Object of installed product  Helght of installed product  150 m Helght of installed product  150 m Helght of installed product  Power  Power I 12.3  Total power loss per pole at 0.8*In  10.1	Rating current 60°C according to IEC 60947	320 A
Breaking capacity on 1 pole for IT 230V NF 60947-2  Breaking capacity on 1 pole for IT 400V NF 60947-2  Breaking capacity on 1 pole for IT 400V NF 60947-2  Breaking capacity on 1 pole for IT 415V NF 60947-2  Rated ultimate short-circuit breaking capacity icu under 230V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity icu under 220V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity icu under 380V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity icu under 380V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 380V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 380V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 380V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 200V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 200V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-2  Roted ultimate short-circuit breaking capaci	Rating current 65°C according to IEC 60947	320 A
Breaking capacity on 1 pole for IT 400V NF 60947-2  Breaking capacity on 1 pole for IT 415V NF 60947-2  Rated ultimate short-circuit breaking capacity keu under 230V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity keu under 230V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity keu under 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity keu under 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity keu under 410V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity keu under 410V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity keu under 220V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity keu under 380V AC IEC 60947-2  Pomensions  Depth of installed product  Height of installed product  Height of installed product  Height of installed product  Prequency  Frequency  Frequency  Frequency  So to 60 N  Power  Power loss per pole at 0.8*In  Total power loss at 0.8*In  Total power loss at 0.8*In  Total power loss per pole at In  Pripping  Time of response when opening  Time of response when opening  Tightening torque  18 N  DIN rail mounting with optional adaptator  N  Suitable for front mounting  Suitable for ground mounting  Connection  Front connection  Front connection  Termin	Rating current 70°C according to IEC 60947	320 A
Breaking capacity on 1 pole for IT 415V NF 60947-2  Rated ultimate short-circuit breaking capacity lcu under 230V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 240V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 240V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 415V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 415V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 220V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 380V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 380V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity lcu under 380V AC IEC 60947-2  Pomensions  Depth of installed product  Height of installed product  150 m  Frequency  Frequency  Frequency  Frequency  Frequency  Frequency  So to 60 the product  Frequency  Frequency  Tripping  Time of response when opening  Total power loss at 0.8*In  10 n  19.2  Tripping  Time of response when opening  Not rail mounting with optional adaptator  Suitable for ground mounting  Connection  Connection  Front connectic  Type of connection  Termin		10 kA
Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 215V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lou under 380V AC IEC 60947-2  Dimensions  Depth of installed product  Height of installed product  Frequency  Frequency  Frequency  Frequency  Frequency  Frequency  Frequency  Frequency  So to 60 In 12.3 Total power loss at 0.8*In 12.3 Total power loss at 0.8*In 12.3 Total power loss under IN 56.6 Power loss per pole at In 19.2  Tripping  Time of response when opening 10 in Installation, mounting  Time of response when opening 10 in Installation, mounting  Connection  Connection  Front connecticity  Connection  Front connecticity  Type of connection Front connecticity  Type of connection  Termin		10 kA
capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2  Pomensions  Depth of installed product  Height of installed product  Height of installed product  Frequency  Frequency  Frequency  Power  Power loss per pole at 0.8*In  12.3 Total power loss at 0.8*In  36.9 Total power loss under IN  56.6 Power loss per pole at In  19.2  Tripping  Time of response when opening  10 in  Installation, mounting  Tightening torque  18 N  DIN rail mounting with optional adaptator  Suitable for front mounting  Connection  Connection  Front connectic  Type of connection  Termin		10 kA
capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 410V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2  Poimensions  Depth of installed product Beight of installed	Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	70 kA
capacity Icu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2  Pimensions  Depth of installed product Beight of installed product Beight of installed product Beight of installed product Frequency Frequency Frequency  Fower  Power  Power loss per pole at 0.8*In Total power loss at 0.8*In Total power loss under IN Fower loss per pole at In Total power loss under IN Fine of response when opening Time of response when opening Time of response when opening Tightening torque  Installation, mounting Tightening torque  Installation, mounting Tightening torque  Total power Iosu under In Installation, mounting Tightening torque  Tripping Time of response when opening Tightening torque  Total power Iosu under In Installation, mounting Tightening torque  Tripping Trippi	Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	70 kA
capacity Icu under 415V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2  Pomersions  Depth of installed product  Height of installed product  Height of installed product  Frequency  Frequency  Frequency  Fower  Power  Power loss per pole at 0.8*In  Total power loss at 0.8*In  Total power loss under IN  Fower loss per pole at In  Total power loss per pole at In  Tripping  Time of response when opening  Installation, mounting  Tightening torque  Installation, mounting  Installation front mounting  Notatible for front mounting  Connection  Front connection  Termin  Termin	Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	40 kA
capacity Icu under 220V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2  Dimensions  Depth of installed product  Height of installed product  Height of installed product  Width of installed product  Frequency  Frequency  Frequency  Fower loss per pole at 0.8*In  Total power loss at 0.8*In  Total power loss under IN  Fower loss per pole at In  19.2  Tripping  Time of response when opening  Installation, mounting  Tightening torque  18N  DIN rail mounting with optional adaptator  Suitable for ground mounting  Connection  Connection  Front connectic  Type of connection  Termin	Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	40 kA
Dimensions  Depth of installed product 150 m Height of installed product 260 m Width of installed product 140 m  Frequency  Frequency  Frequency 50 to 60 h  Power  Power loss per pole at 0.8*In 12.3 Total power loss at 0.8*In 36.9 Total power loss under IN 56.6 Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting Tightening torque 18N DIN rail mounting with optional adaptator N Suitable for front mounting  Connection  Connection  Front connectic Type of connection	Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2	70 kA
Depth of installed product 260 m Height of installed product 140 m Width of installed product 140 m  Frequency  Frequency  Fower  Power  Power loss per pole at 0.8*In 12.3 Total power loss at 0.8*In 36.9 Total power loss under IN 56.6 Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N DIN rail mounting with optional adaptator 18N Suitable for front mounting 18N Suitable for ground mounting 18N Connection Front connection  Connection Front connection	Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2	40 kA
Height of installed product 260 m Width of installed product 140 m  Frequency  Frequency  Fower  Power   So to 60 m  Power   So to 60 m  Power   So to 60 m  Found   So to 60 m  Power   So to 60 m  Power   So to 60 m  Power   So to 60 m  Found   So to 60 m  Found   So to 60 m  Fower   S	Dimensions	
Frequency  Frequency  Fower  Power  Power loss per pole at 0.8*In 12.3  Total power loss at 0.8*In 36.9  Total power loss under IN 56.6  Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator 5  Suitable for ground mounting 7  Connection  Connection Front connection 7  Termin	Depth of installed product	150 mm
Frequency  Frequency  Frequency  Fower  Power  Power loss per pole at 0.8*In 12.3  Total power loss at 0.8*In 36.9  Total power loss under IN 56.6  Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Connection  Connection  Front connectice  Type of connection Termin	Height of installed product	260 mm
Frequency 50 to 60 H  Power  Power loss per pole at 0.8*In 12.3  Total power loss at 0.8*In 36.9  Total power loss under IN 56.6  Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Suitable for ground mounting Ye  Connection  Connection Front connection  Type of connection Termin	Width of installed product	140 mm
Power loss per pole at 0.8*In 12.3 Total power loss at 0.8*In 36.9 Total power loss under IN 56.6 Power loss per pole at In 19.2  Tripping Time of response when opening 10 n  Installation, mounting Tightening torque 18N DIN rail mounting with optional adaptator Suitable for front mounting Suitable for ground mounting Yes  Connection Front connection Type of connection Termin	Frequency	
Power loss per pole at 0.8*In 12.3  Total power loss at 0.8*In 36.9  Total power loss under IN 56.6  Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator 5  Suitable for ground mounting 7  Connection  Connection Front connection Termin	Frequency	50 to 60 Hz
Total power loss at 0.8*In 36.9  Total power loss under IN 56.6  Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Suitable for ground mounting Ye  Connection Front connection  Type of connection Termin	Power	
Total power loss under IN 56.6  Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Suitable for ground mounting Ye  Connection  Connection Front connectice  Type of connection Termin	Power loss per pole at 0.8*In	12.3 W
Power loss per pole at In 19.2  Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Suitable for ground mounting Ye  Connection  Connection Front connection  Type of connection Termin	Total power loss at 0.8*In	36.9 W
Tripping  Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Suitable for ground mounting Ye  Connection  Connection Front connection  Termin	Total power loss under IN	56.6 W
Time of response when opening 10 m  Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Suitable for ground mounting Ye  Connection  Connection Front connection  Type of connection Termin	Power loss per pole at In	19.2 W
Installation, mounting  Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Suitable for ground mounting Ye  Connection  Connection Front connection  Type of connection Termin	Tripping	
Tightening torque 18N  DIN rail mounting with optional adaptator N  Suitable for front mounting N  Suitable for ground mounting Ye  Connection Front connection  Type of connection Termin	Time of response when opening	10 ms
DIN rail mounting with optional adaptator  Suitable for front mounting  Suitable for ground mounting  Ye  Connection  Connection  Front connection  Termin	Installation, mounting	
Suitable for front mounting  Suitable for ground mounting  Ye  Connection  Connection  Front connection  Type of connection  Termin	Tightening torque	18Nm
Suitable for ground mounting  Connection  Connection  Type of connection  Termin	DIN rail mounting with optional adaptator	No
Connection  Connection Front connection  Type of connection Termin	Suitable for front mounting	No
Connection Front connection  Type of connection Termin	Suitable for ground mounting	Yes
Type of connection Termin	Connection	
	Connection	Front connection
Cable	Type of connection	Terminal
	Cable	

Cable Material	Cu
Equipment	
Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change- over contact	0
Motor drive optional	Yes
Can be accessorized	Yes
Use cases	
Category of use	В
Standards	
Standard text	IEC 60947-2
Safety	
REACH conform	No
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Altitude	2000 m
temperatur	
Temperature of calibration	50 °C