## Miniature circuit breaker (MCB), 20 A, 2p, characteristic: C



Part no. HL-C20/2 Catalog No. 194772

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Basic function			Miniature circuit-breakers
Number of poles			2 pole
Tripping characteristic			C
Application			Switchgear for residential and commercial applications
Rated current	In	Α	20
Rated switching capacity according to IEC/EN 60898-1	I <sub>cn</sub>	kA	4.5
Product range			HL

## **Technical data**

**Electrical** 

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## Design verification as per IEC/EN 61439

Design verification as per IEC/EN 61439			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	20
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	6.6
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0
Heat dissipation capacity	P <sub>diss</sub>	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	75
			linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## **Technical data ETIM 8.0**

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (eci@ss10.0.1-27-14-19-01 [AAB905014])

Release characteristic         C           Number of poles (total)         2           Rated current         A         20           Rated voltage         V         230           Rated insulation voltage Ui         V         440           Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V         KA         4.5           Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V         KA         4.5           Rated short-circuit breaking capacity Icu according to EN 60898 at 400 V         KA         0           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V         KA         0           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V         KA         0           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V         KA         0           Fequency         3         0           Current Imiting class         3         1           Current Imiting class         3         1           Pullution degree         3         No           Concurrently switching neutral conductor         No         No           Over voltage category         3         3           Pollution degree         2         1           Additional	(ecl@ss10.0.1-27-14-19-01 [AAB905014])		
Number of poles (total)  Number of protected poles  Rated current  Rated voltage Rated insulation voltage Ui Rated insulation voltage Ui Rated insulation voltage Uimp Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V  Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V  Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V  Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V  Rated short-circuit breaking capacity Icu according to EN 60898 at 400 V  Rated short-circuit breaking capacity Icu according to EN 60898 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacit	Built-in depth	mm	44
Number of protected poles Reted current Reted current Reted voltage Reted insulation voltage Ui Reted insulation voltage Ui Reted insulation voltage Uimp Reted short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Reted short-circuit breaking capacity Icn according to EN 60898 at 400 V Reted short-circuit breaking capacity Icn according to EN 60898 at 400 V Reted short-circuit breaking capacity Icn according to EN 60898 at 400 V Reted short-circuit breaking capacity Icn according to EN 60898 at 400 V Reted short-circuit breaking capacity Icu according to EN 60898 at 400 V Reted short-circuit breaking capacity Icu according to EN 60898 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Reted short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	Release characteristic		С
Rated current         A         20           Rated voltage         V         230           Rated insulation voltage Ui         V         440           Rated impulse withstand voltage Uimp         kV         4           Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V         kA         4.5           Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V         kA         4.5           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V         kA         0           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V         kA         0           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V         kA         0           Frequency         HZ         50 - 60           Current limiting class         Yes         Yes           Flush-mounted installation         Yes         Yes           Concurrently switching neutral conductor         Yes         3           Over voltage category         Yes         Yes           Pollution degree         Yes         Yes           Additional equipment possible         Yes         Yes           Width in number of modular spacings         Yes         Yes           Connectable conductor cross section multi-	Number of poles (total)		2
Rated voltage Rated insulation voltage Ui Rated insulation voltage Uim Rated impulse withstand voltage Uim Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking cap	Number of protected poles		2
Rated insulation voltage Ui         V         440           Rated inpulse withstand voltage Uimp         kV         4           Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V         kA         4.5           Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V         kA         4.5           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V         kA         0           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V         kA         0           Requency         kA         0         0           Frequency         kA         0         0           Current limiting class         kA         0         0           Flush-mounted installation         kA         0         0           Concurrently switching neutral conductor         kA         0         0           Over voltage category         kA         3         3           Pollution degree         kA         3         3           Additional equipment possible         kS         4         8           Width in number of modular spacings         kB         yes         2           Degree of protection (IP)         Poly         25 - 75           Annient temperature during operat	Rated current	Α	20
Rated impulse withstand voltage Uimp Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaki	Rated voltage	V	230
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 6094	Rated insulation voltage Ui	V	440
Voltage type  Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capa	Rated impulse withstand voltage Uimp	kV	4
Rated short-circuit breaking capacity Icu according to EN 60898 at 400 V kA 0  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 0  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 0  Frequency Hz 50-60  Current limiting class 3  Flush-mounted installation Yes  Concurrently switching neutral conductor No  Over voltage category 3  Pollution degree 3  Additional equipment possible Yes  Width in number of modular spacings Yes  Degree of protection (IP) IP20  Ambient temperature during operating Consection multi-wired No  Connectable conductor cross section solid-core No  mm² 1-25  Connectable conductor cross section solid-core No  kA 0  0  4.	Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	kA	4.5
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	Voltage type		AC
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Frequency Frequency Current limiting class Flush-mounted installation Concurrently switching neutral conductor Over voltage category Pollution degree Additional equipment possible Width in number of modular spacings Ves Degree of protection (IP) Ambient temperature during operating Connectable conductor cross section multi-wired Frequency Rate So - 60  Ro - 25 - 75  Connectable conductor cross section solid-core Rate So - 60  Rate So - 60  Ro -	Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA	4.5
Frequency Current limiting class Current limiting class Flush-mounted installation Concurrently switching neutral conductor Over voltage category Pollution degree Additional equipment possible Width in number of modular spacings Degree of protection (IP) Ambient temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core  Hz 50-60  3  Condectable conductor cross section solid-core  Hz 50-60  3  Condectable conductor cross section solid-core  Hz 50-60  3  Condectable conductor cross section solid-core  Hz 50-60  And Solid-Condectable conductor cross section solid-core  Hz 50-60  And Solid-Condectable conductor cross section solid-core  And Solid-Condectable conductor cross section solid-core  Hz 50-60  And Solid-Condectable conductor cross section solid-core  Hz 50-60  And Solid-Condectable conductor cross section solid-core  And Solid-Condectable conductor cross section solid-core  Hz 50-60  And Solid-Condectable conductor cross section solid-core  And Solid-Condectable conductor c	Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	kA	0
Current limiting class Flush-mounted installation Concurrently switching neutral conductor Over voltage category Over voltage category Slution degree Additional equipment possible Width in number of modular spacings Ugree of protection (IP) Ambient temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core  Type Slution Slu	Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	kA	0
Flush-mounted installation  Concurrently switching neutral conductor  Over voltage category  Pollution degree  Additional equipment possible  Width in number of modular spacings  Degree of protection (IP)  Ambient temperature during operating  Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  Pess  Yes  Yes  1  2  1  1  1  1  1  1  1  1  1  1  1	Frequency	Hz	50 - 60
Concurrently switching neutral conductor  Over voltage category  Pollution degree Additional equipment possible Width in number of modular spacings  Degree of protection (IP)  Ambient temperature during operating  Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  No 3 3 4 3 5 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Current limiting class		3
Over voltage category Over voltage category  Pollution degree Additional equipment possible Width in number of modular spacings Degree of protection (IP) Ambient temperature during operating Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  Page 3  Yes  2  P2  P20  -25 - 75  Connectable conductor cross section multi-wired  mm² 1 - 25  Connectable conductor cross section solid-core  mm² 1 - 25	Flush-mounted installation		Yes
Pollution degree 3 3 Additional equipment possible Yes Width in number of modular spacings 2 2 Degree of protection (IP) IP20 Ambient temperature during operating °C -25 - 75 Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Concurrently switching neutral conductor		No
Additional equipment possible  Width in number of modular spacings  Degree of protection (IP)  Ambient temperature during operating  Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  Yes  12  120  120  120  120  125  1-25	Over voltage category		3
Width in number of modular spacings 2  Degree of protection (IP) IP20  Ambient temperature during operating °C -25 - 75  Connectable conductor cross section multi-wired mm² 1 - 25  Connectable conductor cross section solid-core mm² 1 - 25	Pollution degree		3
Degree of protection (IP)  Ambient temperature during operating  Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  mm²  1-25	Additional equipment possible		Yes
Ambient temperature during operating  °C -25 - 75  Connectable conductor cross section multi-wired  mm² 1 - 25  Connectable conductor cross section solid-core  mm² 1 - 25	Width in number of modular spacings		2
Connectable conductor cross section multi-wired mm² 1 - 25  Connectable conductor cross section solid-core mm² 1 - 25	Degree of protection (IP)		IP20
Connectable conductor cross section solid-core mm² 1 - 25	Ambient temperature during operating	°C	-25 - 75
	Connectable conductor cross section multi-wired	mm²	1 - 25
Explosion-proof No	Connectable conductor cross section solid-core	mm²	1 - 25
	Explosion-proof		No