Miniature circuit breaker (MCB), 32 A, 1p, characteristic: D



Part no. PL6-D32/1 286548

Product name Product tamps Pratine Product LangifVGeyth Product Survey P	General specifications	
Product Longsh/Deph	•	Eaton Moeller series xPole - PL6 MCB
Product Longsh/Deph	Part no.	PL6-D32/1
Product height Product width Product width Product width Product width Compliances Product Taderama Product Taderama Product Taderama Product Taderama Product Taderama Product Tage Product Sub Type MS3 Product Sub Type Product	EAN	
Product height Product width Product width Product width Product width Compliances Product Taderama Product Taderama Product Taderama Product Taderama Product Taderama Product Tage Product Sub Type MS3 Product Sub Type Product	Product Length/Depth	85 millimetre
Product width Product weight Compliances Product Trademane Product Trademane Product Trademane Product Trademane Product Trademane Product Trademane Product Type MMCB Product Type MMCB Product Styre None Delivery program Application		73 millimetre
Compliance RoHS conform Product Tarderame Aprile - PLS		
Compliance RoHS conform Product Tarderame Aprile - PLS	Product weight	0.12 kilogram
Product Tradename Product Type Product Sub Type Delivery program Application Application Application Number of poles Number of poles (total) Number of poles (total) Number of poles (total) 1 Number o	•	-
Product Type Product Sub Type Dalivery program Application Application Application Surface Program Number of poles Number of poles Number of poles (total) Number of poles (total) Number of poles (protected) 1 Tripping characteristic D Amperage Rating Type Applications Amperage Rating Type Applications Technical Data - Electrical Valtage type Rated operational valtage (Vel - max Rated insulation voltage (Vil) Rated impulse withstand voltage (Viling) Frequency rating - max Rated shart-circuit breaking capacity (EN 50698) at 250 V Rated short-circuit breaking capacity (EN 50698) at 250		xPole - PL6
Product Sub Type Delivery program Application Application Application Number of poles Number of poles (total) 1 1 Number of poles (total) 1 1 Tripping cheracteristic Delivery program Tipping cheracteristic Delivery program Ministure circuit breaker Pull Tipping cheracteristic AC Retoric diputes withstand voltage (Iu) - max Retoric dimputes withstand voltage (Iu) - max Retoric dimputes withstand voltage (Iuinp) Frequency rating - max Retoric dimputes withstand voltage (Iuinp) Frequency rating - max Retoric dimputes withstand voltage (Iuinp) Retoric dimputes withstand voltage (Ivinp) Frequency rating - max Retoric dimputes withstand voltage (Ivinp) Frequency rating - max Retoric dimputes withstand voltage (Ivinp) Retoric dimputes withstand voltage (Ivinp) Frequency rating - max Retoric dimputes withstand voltage (Ivinp) Frequency rating - max Retoric dimputes withstand voltage (Ivinp) Retoric dimputes withstand voltage (Ivinp) Frequency rating - max Retoric dimputes withstand voltage (Ivinp) Frequency rating - max Retoric dimputes withstand voltage (Ivinp) Retoric dimputes withstan	Product Type	
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Number of poles Number of poles (total) Release characteristic Release characteristic Amperage Rating Typa Technical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated insulation voltage (Ue) - max Rated insulation voltage (Ui) Frequency rating - man Frequency rating - man Frequency rating - man Rated short-circuit breaking capacity (EC 60947-2) at 230 V Rated short-circuit breaking apacity (EC 60947-2) at 230 V Rated short-circuit breaking apacity (EC 60947-2) at 400 V Rated short-circuit breaking apacity (EC 60947-		Switchgear for residential and commercial applications
Number of poles (total) Number of poles (protected) 1 Tripping characteristic D Amperage Rating Type Amperage Rating Type Technical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated operational voltage (Ue) - max Rated implicate withstand voltage (Uimp) Frequency rating - min Frequency rating - min Frequency rating - min Frequency rating - min Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989) at 400 V Rated short-circuit breaking capacity (EN 80989) at 200 V Rated short-circuit breaking capacity (EN 80989-2) at 200 V Rated short-circuit breaking capacity (EN 80989-2) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit breaking capacity (EN 80989-1) at 200 V Rated short-circuit break	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Number of poles (protected) Tripping characteristic Release characteristic D Amperage Rating Type Minimiture circuit breaker PL6 Technical Data - Electrical Voltage type Rated operational voltage (Uo) - max Rated impulse withstand voltage (Uimpl) Rated impulse withstand voltage (Uimpl) Rated wincling capacity (EC (EN 6098) at 230 V Rated short-circuit breaking capacity (EV 60988) at 230 V Rated short-circuit breaking capacity (EV 60988) at 230 V Rated short-circuit breaking capacity (EV 60988) at 230 V Rated short-circuit breaking capacity (EV 60988) at 230 V Rated short-circuit breaking capacity (EV 60988) at 230 V Rated short-circuit breaking capacity (EV 60988) at 230 V Rated short-circuit breaking capacity (EV 60988) at 230 V Rated short-circuit breaking capacity (EV 60988) at 240 V Rated short-circuit breaking capacity (EV 60987-2) at 230 V Rated short-circuit breaking capacity (EV 60987-2) at 230 V Rated short-circuit breaking capacity (EV 60987-2) at 230 V Rated short-circuit breaking capacity (EV 60987-2) at 230 V Rated short-circuit breaking capacity (EV 60987-2) at 200 V Rote of protection Voluntiage category Pollution degree Technical Data - Mechanical Width in number of modular spacings Degree of protection Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wiverid) - min Connectable conductor cross section (multi-wiverid) - min Connectable conductor cross section (multi-wiverid) - max Connectable conductor cross section (multi-wiverid) - min Connectable conductor cross section (multi-wiverid) -	Number of poles	Single-pole
Tripping characteristic Release characteristic Amperage Rating Type Reliable Characteristic Amperage Rating Type Reliable Characteristic Amperage Rating Technical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated insulation voltage (Ue) - max Rated insulation voltage (Uimp) Frequency rating - min Frequency rating - min Frequency rating - min Rated dwitching capacity (IEC/EN 86898-1) Rated short-circuit breaking capacity (IEC/EN 86898-1) Rated short-circuit breaking capacity (IEC 86898) at 400 V Rated short-circuit breaking capacity (IEC 86898) at 400 V Rated short-circuit breaking capacity (IEC 86847-2) at 230 V Rated short-circuit breaking capacity (IEC 86847-2) at 230 V Rated short-circuit breaking capacity (IEC 86847-2) at 400 V Overvoltage category Pollution degree Technical Data - Mechanical Built-in degth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In)	Number of poles (total)	1
Release characteristic Amperage Rating Type Richnical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated insulation voltage (Ui) Rated perational voltage (Uimp) Frequency rating - min Frequency rating - min Frequency rating - min Frequency rating - min Rated switching capacity (IEC/EN 60898-1) Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Devroltage category Pollution degree Rated short-circuit spreaking capacity (IEC 60947-2) at 400 V Devroltage category Pollution degree Rated conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - max Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical date Rated operational current for specified heat dissipation ((n))	Number of poles (protected)	1
Amperage Rating Type Ministure circuit breaker PL6 Technical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated insulation voltage (Ui) Rated impulse withstand voltage (Uimp) 440 V Rated impulse withstand voltage (Uimp) Frequency rating - min Frequen	Tripping characteristic	D
Type Ministure circuit breaker PLE	Release characteristic	D
Technical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated insulation voltage (Uimp) Rated insulation voltage (Uimp) 44V Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 2400 V Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings 1 Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (in) 32 A	Amperage Rating	32 A
Notitage type Rated operational voltage (Ue) - max Rated insulation voltage (Ui) Rated impulse withstand voltage (Uimp) 440 V Rated impulse withstand voltage (Uimp) 442 V Frequency rating - min Frequency rating - min Frequency rating - min Rated short-circuit breaking capacity (EC/EN 80988-1) Rated short-circuit breaking capacity (ER 60988) at 230 V Rated short-circuit breaking capacity (ER 60988) at 2400 V Rated short-circuit breaking capacity (EC 80947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 2400 V Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings 1 Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Туре	
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Rated insulation voltage (Ui) Rated impulse withstand voltage (Uimp) Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (EC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 200 V Roted short-circuit breaking capacity (IEC 60947-2) at 400 V Reference to the set of the set	Voltage type	AC
Rated impulse withstand voltage (Uimp) Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Rated operational voltage (Ue) - max	230 V
Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Rated insulation voltage (Ui)	440 V
Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 8 kA 8 kA Rated operational current for specified heat dissipation (In)	Rated impulse withstand voltage (Uimp)	4 kV
Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category III Pollution degree Technical Data - Mechanical Width in number of modular spacings III Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In)	Frequency rating - min	50 Hz
Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category III Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings III Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 6 kA 6 k	Frequency rating - max	60 Hz
Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category III Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In)	Rated switching capacity (IEC/EN 60898-1)	6 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 230 V 0 kA Rated short-circuit breaking capacity (IEC 60947-2) at 400 V 0 kA Overvoltage category III Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings 1 Built-in depth 70.5 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min 1 mm² Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Rated short-circuit breaking capacity (EN 60898) at 230 V	6 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) O kA III Polium 1 mm² 25 mm² 25 mm² 25 mm² 25 mm²	Rated short-circuit breaking capacity (EN 60898) at 400 V	6 kA
Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection P20 Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Rated short-circuit breaking capacity (IEC 60947-2) at 230 V	0 kA
Pollution degree Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 2 2 2 2 2 2 2 2 3 4 70.5 mm 1 mm² 2 25 mm² 25 mm² 25 mm² 25 mm² 26 mm² 27 mm² 28 mm² 29 mm² 20 mm² 20 mm² 20 mm² 20 mm² 21 mm² 22 mm² 23 mm² 24 mm² 25 mm²	Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	0 kA
Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Overvoltage category	III
Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In)	Pollution degree	2
Built-in depth Degree of protection IP20 Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Technical Data - Mechanical	
Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Width in number of modular spacings	1
Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Built-in depth	70.5 mm
Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max 25 mm² 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Degree of protection	IP20
Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Connectable conductor cross section (solid-core) - min	1 mm²
Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Connectable conductor cross section (solid-core) - max	25 mm ²
Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 32 A	Connectable conductor cross section (multi-wired) - min	1 mm ²
Rated operational current for specified heat dissipation (In) 32 A	Connectable conductor cross section (multi-wired) - max	25 mm ²
	Design verification as per IEC/EN 61439 - technical data	
Heat dissipation per pole, current-dependent 0 W	Rated operational current for specified heat dissipation (In)	32 A
	Heat dissipation per pole, current-dependent	0 W
Equipment heat dissipation, current-dependent 3.4 W	Equipment heat dissipation, current-dependent	3.4 W

Static heat dissipation, non-current-dependent	0 W
Heat dissipation capacity	0 W
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	75 °C
Design verification as per IEC/EN 61439	
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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.
Additional information	
Current limiting class	3
Features	Additional equipment possible
Special features	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
Used with	PL6 Miniature circuit breaker

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) (ecl@ss10.0.1-27-14-19-01 [AAB905014])

(ecl@ss10.0.1-27-14-19-01 [AAB905014])	,		
Built-in depth	mm	mm 70.5	
Release characteristic		D	
Number of poles (total)		1	
Number of protected poles		1	
Rated current	Α	А 32	
Rated voltage	V	V 230	
Rated insulation voltage Ui	V	V 440	
Rated impulse withstand voltage Uimp	kV	ζV 4	
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	kA	KA 6	
Voltage type		AC	
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA	κA 6	
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	kA	κ Α 0	
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	kA	κ Α 0	
Frequency	Hz	Hz 50 - 60	
Current limiting class		3	
Flush-mounted installation		No	

Concurrently switching neutral conductor		No
Over voltage category		3
Pollution degree		2
Additional equipment possible		Yes
Width in number of modular spacings		1
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
Explosion-proof		No