





Delivery program

Basic function			Miniature circuit breakers
Number of poles			3 pole
Tripping characteristic			В
Application			Switchgear for residential and commercial applications
Rated current	In	А	3.5
Rated switching capacity according to IEC/EN 60898-1		kA	10
Product range			PXL

Design verification as per IEC/EN 61439

Part no.

102.2 Strength of materials and parts Mets the product standard's requirements. 102.3.1 Verification of thermal stability of enclosures Mets the product standard's requirements. 102.3.2.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects Mets the product standard's requirements. 102.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects Mets the product standard's requirements. 102.4 Resistance to ultra-violet (UV) radiation Mets the product standard's requirements. 102.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 102.2 Strength of ASSEMBLIES Does not apply, since the entire switchgear needs to be evaluated. 102.4 Clearances and creepage distances Mets the product standard's requirements. 104.6 Isorporation of switching devices and components Mets the product standard's requirements. 104.7 Internal electrical circuits and connections Mets the product standard's requirements. 104.7 Internal electrical circuits and connections Mets the product standard's requirements. 104.8 Connections for external conductors Mets the product standard's requirements. 105.9 Fortection against electric strength Is the panel builder's responsibility. 104.9 Fortection against electric strength Is the panel builder's r	Technical data for design verification			
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	10.13 Mechanical function			

Technical data ETIM 6.0

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@ss8.1-27-14-19-01 [AAB905011])

Release characteristic		В
Number of poles (total)		3
Number of protected poles		3
Nominal rated current	А	3.5
Nominal rated voltage	V	400
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	10
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	10
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	0
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	0
Voltage type		AC
Current limiting class		3
Frequency	Hz	50 - 60
Concurrently switching N-neutral		No
Suitable for flush-mounted installation		No
Over voltage category		3
Pollution degree		2
Width in number of modular spacings		3
Built-in depth	mm	70.5
Additional equipment possible		Yes
Degree of protection (IP)		IP20