

## Over current switch, 16A, 1p, type C characteristic

Part no. PLS6-C16-MW Article no. 242681



Similar to illustration

Return for design verification  Rated operational current for specified heat dissipation  Heat dissipation per pole, current-dependent  Peul W 0  Static heat dissipation, current-dependent  Peul W 2  Static heat dissipation, current-dependent  Peul W 0  Meat dissipation capacity  Peas W 0  Meat dissipation capacity  Peas W 0  Operating ambient temperature min.  Operating ambient temperature max.  CEC No 1439 design verification  102 Strength of materials and parts  102 2 Corresion resistance of insulating materials to normal heat and find due to internal electrical or circuit effects  102.31 Verification of resistance of insulating materials to abnormal heat and find due to internal electrical insulation guardentials  102.12 Resistance to ultra-violet (UV) radiation  102.25 Ithing  102.26 Resistance of SESEMBLIES  103.10 Sepre of protection of ASSEMBLIES  103.10 Sepre of protection of ASSEMBLIES  103.10 Sepre of protection of assistance of insulating materials to abnormal heat and find due to internal electrical circuits and connections  103 Degree of protection of ASSEMBLIES  103.10 Sepre of protection of SESEMBLIES  103.10 Sepre of protection of ASSEMBLIES  103.10 Sepre of protection of SESEMBLIES  103.10 Sepre of protection of Sepre of Sepre of Protection of Sep	Similar to illustration			
Reted operational current for specified heat dissipation   In	Design verification as per IEC/EN 61439			
Heat dissipation per pole, current-dependent  Pod W 22 Static heat dissipation, current-dependent  Pod W 22 Static heat dissipation, current-dependent  Pod W 22 Static heat dissipation capacity  Pales W 0  Operating ambient temperature min.  Operating ambient temperature min.  Operating ambient temperature max.  **C 75    **C 75	Technical data for design verification			
Equipment heat dissipation, current-dependent P <sub>101</sub> W 0  Static heat dissipation, non-current-dependent P <sub>102</sub> W 0  Operating ambient temperature min. °C 25  Operating ambient temperature max. °C 75  Ilinear, per +1 °C, results in a 0.5% reduction of current carrying capacity  EE/EN 61439 design verification  10.2 Strength of materials and parts  10.2.2 Corrosion resistance of mustating materials to normal heat and fire due to internal elaction of thermal stability of enclosures  10.2.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal elaction effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.5 Lifting  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.3 Degree of protection of ASSEMBLIES  10.3 Degree of protection of ASSEMBLIES  10.3 Degree of protection of ASSEMBLIES  10.3 Degree of protection of switching devices and components  10.3 Insulation properties  10.4 Central electrical circuits and connections  10.5 Insulation properties  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Protection against electric strength  10.9 Insulation properties  10.1 Insulation properties  10.1 Insulation properties  10.2 Power sepansibility.  10.3 Insulation properties  10.4 Central electrical circuits and connections of the evilation of the evilation of the devices.  10.4 Insulation properties  10.5 Insulation properties  10.5 Insulation	Rated operational current for specified heat dissipation	In	Α	16
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Heat dissipation capacity  Operating ambient temperature min.  Operating ambient temperature max.  ***C****C*****C****C****D****C****C**	Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	2.2
Operating ambient temperature min.  Operating ambient temperature max.  CC 75  Imaer, per +1 °C, results in a 0.5% reduction of current carrying capacity  EC/EN 61439 design verification  10.2 Strength of materials and parts  10.2.2 Corrosion resistance  10.2.3 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects  10.2.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Litting  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.2 Bechanical impact  10.2.8 Inscriptions  10.3 Degree of protection of ASSEMBLIES  10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.5 Protection against electric shock  10.5 Protection of external conductors  10.5 Inscriptions  10.5 Inscriptions  10.6 Connections for external conductors  10.9 Insulation properties  10.9.1 Power-frequency electric strength  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction of the evice of the awitchpear must observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction of the device of the evice of t	Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
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	10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must observed.
	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 C

Number of poles (total)		1
Number of protected poles		1
Nominal rated current	Α	16
Nominal rated voltage	V	230
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	6
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	6
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		1
Built-in depth	mm	70.5
Additional equipment possible		Yes
Degree of protection (IP)		IP20