DATASHEET - PLS6-B15/4-MW

Part no. Catalog No.



Miniature circuit breaker (MCB), 15A, 4p, type B characteristic

PLS6-B15/4-MW

243060



Delivery program

Number of pales4 poleTripping brancteristic8Application8Bated currentk4Bated switching capacity according to IECEN 8088-1k8Product rangek8Product rangek8Bated switching capacity according to IECEN 8088-1k8Product rangek8Product range ra	Basic function			Miniature circuit-breakers
ApplicationImage: ConstructionSwitchgaar for residential and commercial applicationsRated currentImage: Construction5Rated switching capacity according to IECEN 60898-1Image: Construction5Product rangeImage: Construction5ElectricalRated switching capacity according to IECEN 60898-1Image: ConstructionRated switching capacity according to IECEN 60898-1Image: Construction5Perficient ConstructionImage: Construction5Rated switching capacity according to IECEN 60439Image: Construction5Perficient ConstructionImage: Construction5Rated switching capacity according to IECEN 60089-1Image: Construction5Rated switching capacity according to IECEN 60089-1Image: Construction5Perficient ConstructionImage: Construction55Rated switching capacity according to IECEN 60089-1Image: Construction623Peat dissipation, non-current-dependentPeatVM0Operating ambient temperature min.Image: Construction1mage: Construction of current carrying capacity1022 Exercision of matterials and partsImage: Construction of current carrying capacity1mage: Construction of current carrying capacity1022 Exercision of matterials and partsImage: Construction of current carrying capacity1mage: Construction of current carrying capacity1022 Exercision of matterials and partsImage: Construction of current carrying capacity1mage: Construction of current carrying capacity1022 Exercision o	Number of poles			4 pole
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10.8 Connections for external conductors Is the panel builder's responsibility.	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 Insulation properties			
10.9.2 Power-frequency electric strength 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	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.	10.9.4 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.	10.10 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 observed.	10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.

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The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

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

Electric engineering, automation, process control engineering / Electrical installati (ecl@ss10.0.1-27-14-19-01 [AAB905014])	on, device / Min	iature cir	cuit breaker system (MCB) / Miniature circuit breaker (MCB)
Release characteristic			В
Number of poles (total)			4
Number of protected poles			4
Rated current		A	15
Rated voltage		V	400
Rated insulation voltage Ui		V	440
Rated impulse withstand voltage Uimp		kV	4
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
Frequency		Hz	50 - 60
Current limiting class			3
Suitable for flush-mounted installation			No
Concurrently switching N-neutral			No
Over voltage category			3
Pollution degree			2
Additional equipment possible			Yes
Width in number of modular spacings			4
Built-in depth		mm	70.5
Degree of protection (IP)			IP20
Ambient temperature during operating		°C	-25 - 55
Connectable conductor cross section multi-wired		mm²	1 - 25
Connectable conductor cross section solid-core		mm²	1 - 25