



NSN150

MCB 1P 15kA D-50A 1M

Technical properties

Number of poles 1 Type of pole 1 Fixing mode Din-Ra Curve Image: Curve contract of the contrant of the contract of the contract of the contrant of the contra	Neutral position	without neutra
Type of pole 1 Fixing mode Din-Ra Curve Image: Curve Functions Image: Concurrently switching N-neutral N Configuration N Number of modules Connectivity Connection alignement for modular devices Aligned termine Bottom connection alignement for modular devices Aligned termine Main electrical features Aligned termine Rated operational voltage Ue 240 / 415 Type of supply voltage A Frequency 50/60 H Voltage A Rated insulation voltage (Ue min) 12 Electric current 50 Rated arry in threshold voltage (Ue min) 12 Electric current 50 Rated service breaking capacity Ics AC according IEC 6089e-1 7.5 k mi/maxi threshold value of the AC thermal operation 1.13 / 1.45 I Magnetic regulating currrent 10 / 30 I mi/maxi threshold value of the DC mergal operation 1.03 / 1.45 I Breaking capacity on 1 pole for IT 4000 NF 1.13 / 1.45 I	Number of protected poles	1
Fixing mode Din-Ra Curve Functions Functions N Configuration N Number of modules Connectivity Top connection alignement for modular devices Aligned termine Bottom connection alignement for modular devices Aligned termine Main electrical features Rated operational voltage Ue 240 / 415 Type of supply voltage A Frequency 50/60 H Voltage A Rated insulation voltage (Ue min) 12 Electric current 50 Rated service breaking capacity Ics AC according IEC 6089e-1 7.5 k min/maxit threshold value of the AC thermal operation 1.13 / 1.45 I Magnetic regulating currrent 10 / 30 I min/maxit threshold value of the DC menal operation 10.3 / 1.45 I magnetic operation 1.0 / 30 I min/maxit threshold value of the DC thermal operation 10.3 / 1.45 I Breaking capacity on 1 pole for IT 4000 NF 1.13 / 1.45 I	Number of poles	11
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operation 1.13 / 1.45 I Breaking capacity on 1 pole for IT 400V NF	min/maxi threshold value of the DC magnetic operation	10 / 30 li
	min/maxi threshold value of the DC thermal operation	1.13 / 1.45
	Breaking capacity on 1 pole for IT 400V NF 60947-2	3 k/

	10 kA
Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1	10 kA
Current correction factors	
Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	0.95
Correction factor of rating current for 4 and 5 devices placed side-by-side	0.9
Correction factor of rating current for 6 devices placed side-by-side	0.85
Correction factor of magnetic tripping with 100 Hz	1.1
Correction factor of magnetic tripping with 200 Hz	1.2
Correction factor of magnetic tripping with 400 Hz	1.5
Correction factor of magnetic tripping with 60 Hz]
Dimensions	
Depth of installed product	70 mm
Height of installed product	83 mn
Frequency	
Frequency	50 to 60 Hz
Power	
Power Total power loss under IN	50 to 60 Hz 4.7 W
Power Total power loss under IN Power loss per pole at In	4.7 W
Power Total power loss under IN Power loss per pole at In Endurance	4.7 W 4.7 W
Power Total power loss under IN Power loss per pole at In	4.7 W 4.7 W 4000
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles	4.7 W 4.7 W 4000
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations	4.7 W 4.7 W 4000 20000
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations Installation, mounting	4.7 W 4.7 W 4000 20000 with screw
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices	4.7 W 4.7 W 4000 20000 with screw 2,8Nm
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque	4.7 W 4.7 W 4000 20000 with screw 2,8Nm NA
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque Type of top rail clip for modular devices	4.7 W 4.7 W 4000 20000 with screv 2,8Nm N/ plastic
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque Type of top rail clip for modular devices Type of bottom rail clip for modular devices Type of Bottom Connection for modular	4.7 W 4.7 W 4000 20000 with screw 2,8Nm NA plastic Blconnect
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque Type of top rail clip for modular devices Type of bottom rail clip for modular devices Type of Bottom Connection for modular devices	4.7 W 4.7 W 4.7 W 4000 20000 with screw 2,8Nm N/ plastic Blconnect Yes
Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque Type of top rail clip for modular devices Type of bottom rail clip for modular devices Type of Bottom Connection for modular devices Top removability for modular devices	4.7 W 4.7 W 4.7 W 4000 20000 with screw 2,8Nm N/ plastic Blconnect Yes
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Power Total power loss under IN Power loss per pole at In Endurance Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque Type of top rail clip for modular devices Type of bottom rail clip for modular devices Type of Bottom Connection for modular devices Top removability for modular devices Bottom removability for modular devices Connection Connection cross-section of input and	

With transparent product label holder	Yes
Standards	
European directive WEEE	concerned
Safety	
Protection index IP	IP20
Use conditions	
Operating temperature	-2570 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
A left	2000 n
Altitude	
Air humidity protection	for all climate