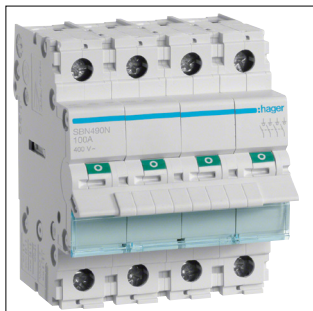




SBN490N

4-pole, 100A Modular Switch High Range

Technical Features

Architecture

Number of poles	4
Type of pole	4P

Electric current

Rated current	100 A
Rated short-circuit making capacity I _{cm} under 415 V AC according to IEC 60947-3	1.69 kA
Rated short-time withstand current I _{cw} 1s IEC 60947	1.20 kA

Installation, mounting

Nominal tightening torque	3.60 - 3.60 Nm
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Voltage

Rated operational voltage U _e	415 - 415 V
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Installation, mounting

Type of bottom connection for modular devices	biconnect
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Voltage

Rated impulse withstand voltage U _{imp}	6000 V
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Capacity

Number of modules	4
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Safety

Ingress Protection (IP) class	IP20
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Frequency

Frequency	50 - 60 Hz
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Use conditions

Storage/transport temperature	-40 - 80 °C
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Connection

Cross-section flexible conductor	6 - 35 mm ²
Cross-section rigid conductor	6 - 50 mm ²

Endurance

Number of mechanical operations	40000
Electrical durability at nominal load in AC21 in operating cycles	2500
Electrical durability at nominal load in AC22 in operating cycles	2500

Power

Total power loss under I _N	12.60 W
Power loss per pole at I _N	4.20 W

Connectivity

Down connection alignment for modular devices	Aligned terminal
Top connection alignment for modular devices	Aligned terminal