

4-pole, 40A Modular Switch High Range

Technical Features

Architecture

Number of poles	4
Type of pole	4P

Electric current

Rated current	40 A
Breaking capacity 400 V AC23A	679 A
Rated short-circuit making capacity Icm under 415 V AC according to IEC 60947-3	0.67 kA
Rated short-time withstand current Icw 1s IEC 60947	0.60 kA

Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
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Voltage

Rated operational voltage Ue	415 - 415 V
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Installation, mounting

Type of bottom connection for modular devices	Screw terminal
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Voltage

Rated impulse withstand voltage Uimp	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

Operating temperature	-20 - 50 °C
Storage/transport temperature	-40 - 80 °C

Connection

Cross-section flexible conductor	2.5 - 16 mm ²
Cross-section rigid conductor	2.5 - 25 mm ²

Endurance

Number of mechanical operations	60000
Electrical durability at nominal load in AC21 in operating cycles	5000
Electrical durability at nominal load in AC22 in operating cycles	5000

Power

Total power loss under IN	5.70 W
Power loss per pole at In	1.90 W

Connectivity

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