

Switch-disconnector, 4p, 6300 A, withdrawable



Part no. **IN63N4-63W-1**
303693

General specifications		
Product name		Eaton Moeller series IZMX/INX switch-disconnector
Part no.		IN63N4-63W-1
EAN		9010238192287
Product Length/Depth		474 millimetre
Product height		524 millimetre
Product width		1036 millimetre
Product weight		200 kilogram
Compliances		IEC/EN 60947 RoHS conform
Product Tradename		IZMX/INX
Product Type		Switch-disconnector
Product Sub Type		None
Delivery program		
Type		Air circuit breakers/switch-disconnector Open switch-disconnector
Number of poles		Four-pole
Amperage Rating		6300 A
Frame		IN63
Technical Data - Electrical		
Voltage rating at AC		690 V
Rated insulation voltage (Ui)		1000 V
Rated impulse withstand voltage (Uimp)		8000 V AC
Rated uninterrupted current (Iu) at 50°C		6200 A
Rated uninterrupted current (Iu) at 60°C		5600 A
Rated uninterrupted current (Iu) at 70°C		5100 A
Rated short-time withstand current (t = 1 s)		85 kA
Rated short-time withstand current at 50/60 Hz (t = 3 s)		65 kA
Rated short-circuit making capacity up to 440 V, 50/60 Hz		187 kA
Rated short-circuit making capacity up to 690 V, 50/60 Hz		187 kA
Power of withdrawable switch with cassette		1000 W
Closing delay via spring release		40 ms
Opening delay (total)		40 ms
Number of standard mechanical operations per hour - max		60
Utilization category		B
Overvoltage category		III
Pollution degree		3
Lifespan, electrical		3000 operations
Direction of incoming supply		As required
Technical Data - Mechanical		
Mounting Method		Withdrawable
Degree of protection		IP20 IP41 with door sealing frame IP54 with protective cover
Protection		None
Weight of cassette version (3-pole)		103 kg
Weight of cassette version (4-pole)		103 kg
Weight of fixed withdrawable version (4-pole)		200 kg
Lifespan, mechanical		5000 operations 8000 operations (switching capacity, with maintenance)

Design verification as per IEC/EN 61439 - technical data		
Heat dissipation at rated current with fixed mounting		400 W
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Ambient storage temperature - min		-40 °C
Ambient storage temperature - max		70 °C