

Switch-disconnector, 3p, 5000 A, fixed

Part no. **IN63H3-50F-1**
303682

General specifications		
Product name		Eaton Moeller series IZMX/INX switch-disconnector
Part no.		IN63H3-50F-1
EAN		9010238192171
Product Length/Depth		372 millimetre
Product height		426 millimetre
Product width		887 millimetre
Product weight		125.2 kilogram
Compliances		IEC/EN 60947
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		Three-pole
Amperage Rating		5000 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		5000 A
Rated uninterrupted current (Iu) at 60°C		5000 A
Rated uninterrupted current (Iu) at 70°C		5000 A
Rated short-time withstand current (t = 1 s)		100 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		220 kA
Rated short-circuit making capacity up to 690 V, 50/60 Hz		220 kA
Power of withdrawable switch with cassette		1550 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		Fixed
Degree of protection		IP20 IP41 with door sealing frame IP54 with protective cover
Protection		None
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		620 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