



Main load disconnect Switch with isolation function, highly wear resistant contacts and classified for the use in rail rolling stock, 240/415 V, 100 A, 3P



Part no. IS-100/3
276284
EL Number 1460856
(Norway)

General specifications		
Product name		Eaton Moeller series IS Disconnecter
Part no.		IS-100/3
EAN		4015082762841
Product Length/Depth		60 millimetre
Product height		80 millimetre
Product width		53.1 millimetre
Product weight		0.314 kilogram
Compliances		RoHS conform
Product Tradename		IS
Product Type		Disconnecter
Product Sub Type		None
Product Specification Details		
Ambient operating temperature - max		40 °C
Ambient operating temperature - min		-5 °C
Amperage rating		100 A
Application		Switchgear for industrial and advanced commercial applications
Built-in depth		69.5 mm
Color calotte		Other
Degree of protection		IP40 IP10
EL number		1460856
Heat dissipation per pole, current-dependent		3.9 W
Imprint/indication		Symbol "arrows"
Lamp power		0 W
Lamp socket		Other
Lamp type		Other
Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		0
Number of contacts (normally open contacts)		3
Number of poles		Three-pole
Rated operational current for specified heat dissipation (I _n)		100 A
Rated operational voltage (U _e) - max		415 V
Rated short-time withstand current (I _{cw})		2 kA
Rated switching capacity		10 kA
Switch type		Other Off switch
Terminals		Lift terminal
Type		IS. Main load disconnecter switch
Voltage rating - min		240 V
Voltage type		AC
Width in number of modular spacings		3

Technical data ETIM 9.0

Devices for distribution board-/surface mounting (EG000062) / Main switch for distribution board (EC001545)
 Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Main switch for distribution board (ecl@ss13-27-14-23-01 [AFZ813019])

Switching function			Other
Number of contacts as normally open contact			3
Number of contacts as normally closed contact			0
Number of contacts as change-over contact			0
Number of poles			3
Rated current		A	100
Rated voltage		V	415
Min. rated voltage		V	240
Rated switching capacity		kA	10
Short-circuit breaking capacity (I _{cw})		kA	2
Voltage type			AC
With signal lamp			No
Colour calotte			Other
Lamp type			Other
Lamp socket			Other
Max. lamp power		W	0
Width in number of modular spacings			3
Built-in depth		mm	69.5
Degree of protection (IP)			IP40
Imprint/indication			Symbol "arrows"
Forced segregation according to DIN VDE 0113			No