



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, 4P



Part no. IS-100/4
276285
EL Number 1460857
(Norway)

General specifications		
Product name		Eaton Moeller series IS Disconnecter
Part no.		IS-100/4
EAN		4015082762858
Product Length/Depth		60 millimetre
Product height		80 millimetre
Product width		70.8 millimetre
Product weight		0.419 kilogram
Compliances		RoHS conform
Certifications		EN45545-2 IEC 61373
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		1460857
Equipment heat dissipation, current-dependent		11.8 W
Heat dissipation capacity		0 W
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)		4
Number of poles		Four-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
Static heat dissipation, non-current-dependent		0 W
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		4

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			4
Number of contacts as normally closed contact			0
Number of contacts as change-over contact			0
Number of poles			4
Rated current		A	100
Rated voltage		V	415
Min. rated voltage		V	240
Rated switching capacity		kA	10
Short-circuit breaking capacity (Icw)		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			4
Built-in depth		mm	69.5
Degree of protection (IP)			IP40
Imprint/indication			Symbol "arrows"
Forced segregation according to DIN VDE 0113			No