

Main switch, 240/415 V AC, 80A, 2-poles



**Part no.** IS-80/2  
**276279**  
**EL Number** 1460853  
**(Norway)**

General specifications		
Product name		Eaton Moeller series IS Disconnecter
Part no.		IS-80/2
EAN		4015082762797
Product Length/Depth		80 millimetre
Product height		76 millimetre
Product width		35 millimetre
Product weight		0.207 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		80 A
Application		Switchgear for industrial and advanced commercial applications
Built-in depth		69.5 mm
Color calotte		Other
Degree of protection		IP40
EL number		1460853
Equipment heat dissipation, current-dependent		5.4 W
Heat dissipation capacity		0 W
Heat dissipation per pole, current-dependent		2.6 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)		2
Number of contacts (normally open contacts)		2
Number of poles		Two-pole
Rated operational current for specified heat dissipation (I <sub>n</sub> )		80 A
Rated operational voltage (U <sub>e</sub> ) - max		415 V
Rated short-time withstand current (I <sub>cw</sub> )		2 kA
Rated switching capacity		12.5 kA
Static heat dissipation, non-current-dependent		0 W
Switch type		Other
Type		IS. Main load disconnecter switch
Voltage rating - min		240 V
Voltage type		AC
Width in number of modular spacings		2

**Technical data ETIM 9.0**

Devices for distribution board-/surface mounting (EG000062) / Main switch for distribution board (EC001545)

Switching function			Other
Number of contacts as normally open contact			2
Number of contacts as normally closed contact			2
Number of contacts as change-over contact			0
Number of poles			2
Rated current		A	80
Rated voltage		V	415
Min. rated voltage		V	240
Rated switching capacity		kA	12.5
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			2
Built-in depth		mm	69.5
Degree of protection (IP)			IP40
Imprint/indication			Symbol "arrows"
Forced segregation according to DIN VDE 0113			No