## Rack for 2 XIOC modules, expandable

Powering Business Worldwide\*

Part no. XIOC-BP-2 260794

EL Number 4519650 (Norway)

(NOT Way)	
General specifications	Fator VIOC Deal
Product name	Eaton XIOC Rack
Part no.	XIOC-BP-2
EAN  Dead and Leasth (Death	4015082607944
Product Length/Depth	107 millimetre
Product height	28 millimetre
Product width	66.5 millimetre
Product weight	0.095 kilogram
Certifications	CE CSA File No.: 012528 UL File No.: E135462 CSA-C22.2 No. 0-M UL CSA CSA-C22.2 No. 142-M CSA Class No.: 2252-01 UL Category Control No.: NRAQ UL508
Product Tradename	XIOC
Product Type	Rack
Product Sub Type	None
General information	
Degree of protection	IP20
Mounting method	Rail mounting possible Wall mounting/direct mounting
Voltage type	DC
Climatic environmental conditions	
Ambient operating temperature - min	0°C
Ambient operating temperature - max	55 °C
Communication	
Number of slots	2
Input/Output	
Input current at AC - max	0 A
Input voltage at AC 50 Hz - min	0 V
Input voltage at AC 50 Hz - max	0 V
Input voltage at DC - min	0 V
Input voltage at DC - max	0 V
Output current at AC, 50 Hz - max	0 A
Output voltage at AC 50 Hz - max	0 V
Output voltage at DC - min	0 V
Output voltage at DC - max	0 V
Safety	
Explosion safety category for dust	None
Explosion safety category for gas	None
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)	0 A
Static heat dissipation, non-current-dependent Pvs	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Meets the product standard's requirements.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## **Technical data ETIM 9.0**

Programmable logic controllers PLC (EG000024) / PLC mounting rack (EC000810)

Electric engineering, automation, process control engineering / Control, Process Control System (PCS) / Programmable logic control (SPS) / SPS more assembly carriers (ecl@ss13-27-24-22-03 [AKE526019])

Input voltage AC 50 Hz         V         0 - 0           Input voltage AC 60 Hz         V         0 - 0           Type of voltage (input voltage)         V         0 - 0           Mox. input current AC 50 Hz         A         0           Max. input current AC 50 Hz         A         0           Max. input current DC         A         3           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 60 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Max. output current AC 50 Hz         A         0           Max. output current AC 50 Hz         A         0           Max. output current AC 60 Hz         A         0 </th <th></th> <th></th> <th></th>			
Input voltage AG 60 Hz Input voltage DC V 0 - 0 V 0 -	With integrated power supply		No
Input voltage (Input voltage)         V         0 - 0           Max. input current AC 50 Hz         A         0           Max. input current AC 50 Hz         A         0           Max. input current AC 50 Hz         A         3.2           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 50 Hz         V         0 - 0           Max. output current AC 50 Hz         A         0           Max. output current AC 50 Hz         A         0           Max. output current AC 50 Hz         A         0           Max. output current DC         A         3.2           Redundancy         No         No           Number of slots         2         Yes           Rail mounting positile         Yes         Yes           Wall mounting/direct mounting         Yes         Yes           Front bullt-in possible         No         No           Suitable for safety functions         Yes         No	Input voltage AC 50 Hz	V	0 - 0
Type of voltage (input voltage)         DC           Max. input current AC 50 Hz         A         0           Max. input current AC 80 Hz         A         0           Max. input current DC         A         3.2           Output voltage AC 50 Hz         V         0 -0           Output voltage AC 50 Hz         V         0 -0           Output voltage DC         V         0 -0           Type of output voltage         A         0           Max. output current AC 50 Hz         A         0           Max. output current AC 60 Hz         A         0           Max	Input voltage AC 60 Hz	V	0 - 0
Max. input current AC 50 Hz         A         0           Max. input current DC         A         3.2           Output voltage AC 50 Hz         V         0 - 0           Output voltage AC 60 Hz         V         0 - 0           Output voltage AC 60 Hz         V         0 - 0           Output voltage AC 60 Hz         V         0 - 0           Output voltage AC 60 Hz         V         0 - 0           Vipe of output voltage         DC         0           Max. output current AC 50 Hz         A         0           Max. output current AC 60 Hz         A         0           Max. output current DC         A         3.2           Redundancy         No         3.2           Number of slots         Yes         Yes           Rail mounting possible         Yes         Yes           Wall mounting/direct mounting         Yes         No           Front built-in possible         No         No           Suitable for safety functions         No         No           Sit according to EC 61508         No         No           Performance level according to EC 61508         No         No           Appendant operation agent (Ex ia)         No         No <tr< td=""><td>Input voltage DC</td><td>V</td><td>0 - 0</td></tr<>	Input voltage DC	V	0 - 0
Max. input current AC 60 Hz         A         3.2           Max. input current DC         A         3.2           Output voltage AC 50 Hz         V         0.0           Output voltage AC 60 Hz         V         0.0           Output voltage DC         V         0.0           Type of output voltage         DC           Max. output current AC 50 Hz         A         0           Max. output current AC 60 Hz         A         0           Max. output current DC         A         3.2           Redundancy         No         3.2           Number of slots         Yes         9.8           Rail mounting foirect mounting         Yes         Yes           Yall mounting foirect mounting         Yes         No           Yall mounting foirect mounting         Yes         No           Suitable for safety functions         No         No           Sit La ecording to IEC 61508         No         No           Performance level according to EN ISO 13849-1         No         No           Appendant operation agent (Ex ia)         No         No           Appendant operation agent (Ex ib)         No         No           Explosion safety category for dust         No         No	Type of voltage (input voltage)		DC
Max. input current DC       A       3.2         Output voltage AC 50 Hz       V       0.0         Output voltage DC       V       0.0         Type of output voltage       DC       DC         Max. output current AC 50 Hz       A       0         Max. output current DC       A       0         Max. output current DC       A       3.2         Redundancy       No       3.2         Number of slots       Yes       Yes         Rail mounting forestible       Yes       Yes         Nall mounting/direct mounting       Yes       Yes         Rack-assembly possible       No       No         Rack-assembly possible       No       No         Suitable for safety functions       Yes       No         Sill according to IEC 61508       No       No         Performance level according to EN ISO 13849-1       No       No         Appendant operation agent (Ex ia)       No       No         Appendant operation agent (Ex ib)       No       No         Explosion safety category for gas       No       No         Explosion safety category for gas       No       No	Max. input current AC 50 Hz	Α	0
Output voltage AC 50 Hz         V         0 - 0           Output voltage DC         V         0 - 0           Type of output voltage         V         0 - 0           Max. output current AC 50 Hz         A         0           Max. output current AC 60 Hz         A         0           Max. output current DC         A         3.2           Redundancy         No         Yes           Number of slots         Yes         Yes           Rail mounting possible         Yes         Yes           Wall mounting/direct mounting         Yes         No           Rack-assembly possible         No         No           Suitable for safety functions         No         No           Silt according to IEC 61508         No         No           Performance level according to EN ISO 13849-1         No         No           Appendant operation agent (Ex ia)         No         No           Appendant operation agent (Ex ib)         No         No           Explosion safety category for gas         No         No           Explosion safety category for dust         No         No	Max. input current AC 60 Hz	Α	0
Output voltage DC         V         0 - 0           Type of output voltage         DC           Max. output current AC 50 Hz         A         0           Max. output current AC 60 Hz         A         0           Max. output current DC         A         3.2           Redundancy         No         No           Number of slots         Y         Yes           Rail mounting foisrible         Yes         Yes           Vall mounting/direct mounting         No         No           Rack-assembly possible         No         No           Suitable for safety functions         No         No           Suitable for safety functions         No         No           SIL according to IEC 61508         No         No           Performance level according to EN ISO 13849-1         No         No           Appendant operation agent (Ex ia)         No         No           Appendant operation agent (Ex ib)         No         No           Explosion safety category for gas         No         No           Explosion safety category for dust         No         No	Max. input current DC	Α	3.2
Output voltage DC         V         0 - 0           Type of output voltage         C         C           Max. output current AC 50 Hz         A         0           Max. output current DC         A         3.2           Redundancy         No         No           Number of slots         2         2           Rail mounting possible         Yes         Yes           Wall mounting/direct mounting         Yes         No           Front built-in possible         No         No           Rack-assembly possible         No         No           Suitable for safety functions         No         No           Still according to IEC 61508         No         No           Performance level according to EN ISO 13849-1         No         No           Appendant operation agent (Ex ia)         No         No           Appendant operation agent (Ex ia)         No         No           Explosion safety category for gas         No         No           Explosion safety category for dust         No         No	Output voltage AC 50 Hz	V	0 - 0
Type of output voltage         DC           Max. output current AC 50 Hz         A         0           Max. output current DC         A         0           Medundancy         No         No           Number of slots         2         Yes           Rail mounting possible         Yes         Yes           Wall mounting/direct mounting         Yes         No           Front built-in possible         No         No           Rack-assembly possible         No         No           Suitable for safety functions         No         No           Silt according to IEC 61508         No         None           Performance level according to EN ISO 13849-1         None         None           Appendant operation agent (Ex ia)         No         No           Appendant operation agent (Ex ib)         No         None           Explosion safety category for gas         None         None           Explosion safety category for dust         None         None	Output voltage AC 60 Hz	V	0 - 0
Max. output current AC 50 Hz         A         0           Max. output current DC         A         3.2           Redundancy         No           Number of slots         2         Yes           Rail mounting forestible         Yes           Wall mounting/direct mounting         Yes           Front built-in possible         No           Rack-assembly possible         No           Suitable for safety functions         No           Silt according to IEC 61508         No           Performance level according to EN ISO 13849-1         None           Appendant operation agent (Ex ia)         No           Appendant operation agent (Ex ib)         No           Explosion safety category for gas         None           Explosion safety category for dust         None	Output voltage DC	V	0 - 0
Max. output current DC Max. output current DC Max. output current DC Redundancy Number of slots Rail mounting possible Wall mounting/direct mounting Front built-in possible Rack-assembly possible Rack-assembly possible Suitable for safety functions SIL according to IEC 61508 Performance level according to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ia) Explosion safety category for dust  A 0  A 2  A 2  A 3.2  A 0  A 0  A 0  A 0  A 0  A 0  A 0  A	Type of output voltage		DC
Max. output current DC         A         3.2           Redundancy         No         No           Number of slots         2         2           Rail mounting possible         Yes         Yes           Wall mounting/direct mounting         Yes         Yes           Front built-in possible         No         No           Rack-assembly possible         No         No           Suitable for safety functions         No         No           SIL according to IEC 61508         No         No           Performance level according to EN ISO 13849-1         None         No           Appendant operation agent (Ex ia)         No         No           Appendant operation agent (Ex ia)         No         No           Explosion safety category for gas         None         None           Explosion safety category for dust         None         None	Max. output current AC 50 Hz	Α	0
RedundancyNoNumber of slots2Rail mounting possibleYesWall mounting/direct mountingYesFront built-in possibleNoRack-assembly possibleNoSuitable for safety functionsNoSIL according to IEC 61508NonePerformance level according to EN ISO 13849-1NoneAppendant operation agent (Ex ia)NoAppendant operation agent (Ex ib)NoExplosion safety category for gasNoneExplosion safety category for dustNone	Max. output current AC 60 Hz	Α	0
Number of slots2Rail mounting possibleYesWall mounting/direct mountingYesFront built-in possibleNoRack-assembly possibleNoSuitable for safety functionsNoSIL according to IEC 61508NonePerformance level according to EN ISO 13849-1NoneAppendant operation agent (Ex ia)NoAppendant operation agent (Ex ib)NoExplosion safety category for gasNoneExplosion safety category for dustNoneExplosion safety category for dustNone	Max. output current DC	Α	3.2
Rail mounting possible Wall mounting/direct mounting Front built-in possible Rack-assembly possible Rack-assembly possible Rack-assembly possible Suitable for safety functions SIL according to IEC 61508 Performance level according to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for dust  Wes SIL according to IEC 61508 None None None None SIL according to EN ISO 13849-1 No None None None None None	Redundancy		No
Wall mounting/direct mounting Front built-in possible Rack-assembly possible Rack-assembly possible Suitable for safety functions SIL according to IEC 61508 Performance level according to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust  Yes No	Number of slots		2
Front built-in possible Rack-assembly possible Suitable for safety functions SIL according to IEC 61508 Performance level according to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust  No	Rail mounting possible		Yes
Rack-assembly possible Suitable for safety functions SIL according to IEC 61508 Performance level according to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust  No No None None None None	Wall mounting/direct mounting		Yes
Suitable for safety functions  SIL according to IEC 61508  Performance level according to EN ISO 13849-1  Appendant operation agent (Ex ia)  Appendant operation agent (Ex ib)  Explosion safety category for gas  Explosion safety category for dust  No  No  No  No  No  No  No  No  No  N	Front built-in possible		No
SIL according to IEC 61508  Performance level according to EN ISO 13849-1  Appendant operation agent (Ex ia)  Appendant operation agent (Ex ib)  Explosion safety category for gas  Explosion safety category for dust  None  None	Rack-assembly possible		No
Performance level according to EN ISO 13849-1  Appendant operation agent (Ex ia)  Appendant operation agent (Ex ib)  Explosion safety category for gas  Explosion safety category for dust  None	Suitable for safety functions		No
Appendant operation agent (Ex ia)  Appendant operation agent (Ex ib)  Explosion safety category for gas  None  None  None	SIL according to IEC 61508		None
Appendant operation agent (Ex ib)  Explosion safety category for gas  None  Explosion safety category for dust  None	Performance level according to EN ISO 13849-1		None
Explosion safety category for gas  Explosion safety category for dust  None	Appendant operation agent (Ex ia)		No
Explosion safety category for dust  None	Appendant operation agent (Ex ib)		No
	Explosion safety category for gas		None
Width mm 66.5	Explosion safety category for dust		None
	Width	mm	66.5

Height	mm	28
Depth	mm	107