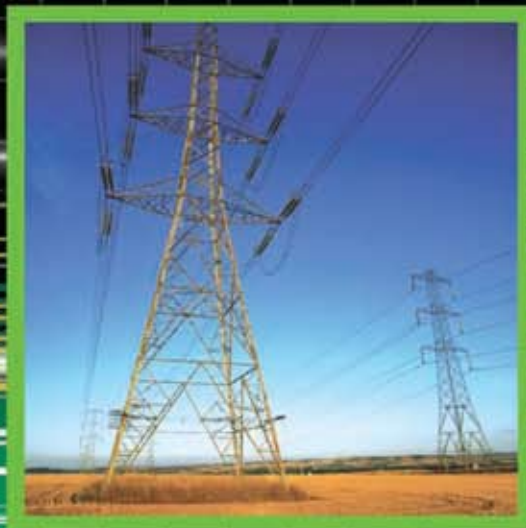


Индустриальные Ethernet решения MOXA 2009

Выбор оборудования



Индустриальные Ethernet коммутаторы



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MOXA



Управляемые Ethernet коммутаторы

Управляемые Rackmount коммутаторы

Управляемые DIN-Rail коммутаторы



	IKS-6726	IKS-6726-PoE	EDS-828	EDS-728	EDS-608	EDS-G509	EDS-518A	EDS-510A
Поддерживаемые модули								
Gigabit Ethernet модули	✓	✓	✓	✓	---	---	---	---
Fast Ethernet модули	✓	✓	✓	✓	✓	---	---	---
SFP Gigabit Ethernet модули	✓	✓	✓	✓	---	✓	✓	✓
SFP Fast Ethernet модули	✓	✓	---	---	---	✓	---	---
Число портов								
Макс. число портов	26	26	28	28	8	9	18	10
Gigabit Ethernet, 10/100/1000 Mbps	до 2	до 2	до 4	до 4	---	9	2	3
Fast Ethernet, 10/100 Mbps	до 24	до 24	до 24	до 24	8	---	16	7
Доступные источники питания								
3.3 VDC	---	---	---	---	---	---	---	---
24 VDC	✓	✓	✓	✓	---	---	✓	✓
24 VAC	---	---	---	---	---	---	---	---
48 VDC	✓	✓	---	---	---	---	---	---
12/24/48 VDC	---	---	---	---	✓	✓	---	---
88-300 VDC или 85-264 VAC, изолированные	✓	✓	---	---	---	---	---	---
Опции установки								
DIN-Rail	---	---	✓	✓	✓	✓	✓	✓
Панельное	---	---	опционально	опционально	опционально	опционально	опционально	опционально
Rack Mounting	✓	✓	опционально	опционально	опционально	опционально	опционально	опционально
Рабочий диапазон температур								
от 0 до 60°C	---	---	✓	✓	✓	✓	✓	✓
от -10 до 60°C	---	---	---	---	---	---	---	---
от -40 до 75°C	✓	✓	---	---	✓	✓	✓	✓
Резервирование и Backup								
Turbo Ring (время восстановления < 20 ms)	✓	✓	✓	✓	✓	✓	✓	✓
STP/RSTP	✓	✓	✓	✓	✓	✓	✓	✓
Automatic Backup Configurator (ABC-01)	✓	✓	✓	✓	✓	✓	✓	✓
Сетевое управление и контроль								
Layer 3	---	---	✓	---	---	---	---	---
IPv6	✓	✓	---	✓	✓	✓	✓	✓
DHCP опции 66/67/82	✓	✓	✓	✓	✓	✓	✓	✓
IEEE 1588 PTP	✓	✓	✓	✓	✓	✓	✓	✓
LLDP	✓	✓	✓	✓	✓	✓	✓	✓
Modbus/TCP	✓	✓	✓	✓	✓	✓	✓	✓
IGMP/GMRP	✓	✓	✓	✓	✓	✓	✓	✓
Port Trunking	✓	✓	✓	✓	✓	✓	✓	✓
IEEE 802.1X	✓	✓	✓	✓	✓	✓	✓	✓
Port Lock	✓	✓	✓	✓	✓	✓	✓	✓
SNMP/RMON	✓	✓	✓	✓	✓	✓	✓	✓
VLAN	✓	✓	✓	✓	✓	✓	✓	✓
QoS	✓	✓	✓	✓	✓	✓	✓	✓
Релейные контакты	✓	✓	✓	✓	✓	✓	✓	✓
Сертификаты								
CE/FCC	✓	✓	✓	✓	✓	✓	✓	✓
UL/cUL 60950-1	Pending	Pending	Pending	Pending	---	---	✓	✓
UL508	---	---	Pending	Pending	Pending	Pending	✓	✓
UL/cUL Class I, Div. 2; ATEX Class I, Zone 2	---	---	Pending	Pending	Pending	Pending	Pending	✓
DNV/GL	Pending	Pending	Pending	Pending	Pending	Pending	✓	✓
NEMA TS2	✓	✓	---	---	---	---	---	---
EN50155/EN50121-4	✓	✓	---	---	---	---	---	---

Управляемые Ethernet коммутаторы

Управляемые DIN-Rail коммутаторы



	EDS-505A	EDS-508A	EDS-516A	EDS-405A	EDS-408A	EDS-P510	EOM-104
Поддерживаемые модули							
Gigabit Ethernet модули	---	---	---	---	---	---	---
Fast Ethernet модули	---	---	---	---	---	---	---
SFP Gigabit Ethernet модули	---	---	---	---	---	✓	---
SFP Fast Ethernet модули	---	---	---	---	---	✓	---
Число портов							
Макс. число портов	5	8	16	5	8	10	4
Gigabit Ethernet, 10/100/1000 Mbps	---	---	---	---	---	3	---
Fast Ethernet, 10/100 Mbps	5	8	16	5	8	7 (4 PoE)	4
Доступные источники питания							
3.3 VDC	---	---	---	---	---	---	✓
24 VDC	✓	✓	✓	✓	✓	---	---
24 VAC	---	---	---	---	---	---	---
48 VDC	---	---	---	---	---	✓	---
12/24/48 VDC	---	---	---	---	---	---	---
88-300 VDC или 85-264 VAC, изолированные	---	---	---	---	---	---	---
Опции установки							
DIN-Rail	✓	✓	✓	✓	✓	✓	---
Панельное	опционально	опционально	опционально	опционально	опционально	опционально	---
Rack Mounting	опционально	опционально	опционально	опционально	опционально	опционально	---
Рабочий диапазон температур							
от 0 до 60°C	✓	✓	✓	✓	✓	✓	---
от -10 до 60°C	---	---	---	---	---	---	---
от -40 до 75°C	✓	✓	✓	✓	✓	✓	✓
Резервирование и Backup							
Turbo Ring (время восстановления < 20 ms)	✓	✓	✓	✓	✓	✓	✓
STP/RSTP	✓	✓	✓	✓	✓	✓	✓
Automatic Backup Configurator (ABC-01)	✓	✓	✓	✓	✓	✓	---
Сетевое управление и контроль							
Layer 3	---	---	---	---	---	---	---
IPv6	✓	✓	✓	✓	✓	✓	---
DHCP Option 66/67/82	✓	✓	✓	✓	✓	✓	---
IEEE 1588 PTP	✓	✓	✓	---	---	✓	---
LLDP	✓	✓	✓	✓	✓	✓	---
Modbus/TCP	✓	✓	✓	✓	✓	✓	---
IGMP/GMRP	✓	✓	✓	---	---	✓	---
Port Trunking	✓	✓	✓	---	---	✓	---
IEEE 802.1X	✓	✓	✓	---	---	✓	---
Port Lock	✓	✓	✓	---	---	✓	---
SNMP/RMON	✓	✓	✓	✓	✓	✓	✓
VLAN	✓	✓	✓	✓	✓	✓	---
QoS	✓	✓	✓	✓	✓	✓	---
Релейные контакты	✓	✓	✓	✓	✓	✓	---
Сертификаты							
CE/FCC	✓	✓	✓	✓	✓	✓	✓
UL/cUL 60950-1	✓	✓	✓	✓	✓	---	---
UL508	✓	✓	✓	✓	✓	Pending	---
UL/cUL Class I, Div. 2; ATEX Class I, Zone 2	✓	✓	Pending	✓	✓	Pending	---
DNV/GL	✓	✓	✓	✓	✓	Pending	---
NEMA TS2	---	---	---	---	---	---	---
EN50155/EN50121-4	---	---	---	---	---	---	---

Неуправляемые Ethernet коммутаторы

	Неупр. Rackmount коммутаторы		Неуправляемые DIN-Rail коммутаторы				
							
	IKS-6324	EDS-G205	EDS-G308	EDS-305	EDS-308	EDS-309	EDS-316
Поддерживаемые модули							
Gigabit Ethernet модули	✓	---	---	---	---	---	---
Fast Ethernet модули	✓	---	---	---	---	---	---
SFP Gigabit Ethernet модули	✓	---	✓	---	---	---	---
SFP Fast Ethernet модули	---	---	✓	---	---	---	---
Число портов							
Макс. число портов	24	5	8	5	8	9	16
Gigabit Ethernet, 10/100/1000 Mbps	До 2	5	8	---	---	---	---
Fast Ethernet, 10/100 Mbps	До 24	---	---	5	8	9	16
Доступные источники питания							
24 VDC	---	---	---	✓	✓	✓	✓
24 VAC	---	---	---	---	---	---	---
48 VDC	---	---	---	---	---	---	---
12/24/48 VDC	✓	✓	✓	---	---	---	---
88-300 VDC или 85-264 VAC, изолированные	✓	---	---	---	---	---	---
Опции установки							
DIN-Rail	---	✓	✓	✓	✓	✓	✓
Панельное	---	опционально	опционально	опционально	опционально	опционально	опционально
Rack Mounting	✓	опционально	опционально	опционально	опционально	опционально	опционально
Рабочий диапазон температур							
от 0 до 60°C	---	✓	✓	✓	✓	✓	✓
от -10 до 60°C	---	---	---	---	---	---	---
от -40 до 75°C	✓	✓	✓	✓	✓	✓	✓
Сертификаты							
CE/FCC	✓	✓	✓	✓	✓	✓	✓
UL/cUL 60950-1	Pending	---	---	✓	✓	✓	✓
UL508	---	Pending	Pending	✓	✓	✓	✓
UL/cUL Class I, Div. 2; ATEX Class I, Zone 2	---	Pending	Pending	✓	✓	✓	Pending
DNV/GL	Pending	Pending	Pending	✓	✓	✓	✓
NEMA TS2	✓	---	---	---	---	---	---
EN50155/EN50121-4	✓	---	---	---	---	---	---

Неуправляемые Ethernet коммутаторы

Неуправляемые DIN-Rail коммутаторы



	EDS-205A	EDS-208A	EDS-205	EDS-208	EDS-P308
Поддерживаемые модули					
Gigabit Ethernet модули	---	---	---	---	---
Fast Ethernet модули	---	---	---	---	---
SFP Gigabit Ethernet модули	---	---	---	---	---
SFP Fast Ethernet модули	---	---	---	---	---
Число портов					
Макс. число портов	5	8	5	8	8
Gigabit Ethernet, 10/100/1000 Mbps	---	---	---	---	---
Fast Ethernet, 10/100 Mbps	5	8	5	8	8 (4 PoE)
Доступные источники питания					
24 VDC	---	---	✓	✓	---
24 VAC	✓	✓	✓	✓	---
48 VDC	---	---	---	---	✓
12/24/48 VDC	✓	✓	---	---	---
88-300 VDC или 85-264 VAC, изолированные	---	---	---	---	---
Опции установки					
DIN-Rail	✓	✓	✓	✓	✓
Панельное	опционально	опционально	---	---	опционально
Rack Mounting	опционально	опционально	опционально	опционально	опционально
Рабочий диапазон температур					
от 0 до 60°C	---	---	---	---	✓
от -10 до 60°C	✓	✓	✓	✓	---
от -40 до 75°C	✓	✓	---	---	✓
Сертификаты					
CE/FCC	✓	✓	✓	✓	✓
UL/cUL 60950-1	---	---	---	✓	---
UL508	✓	✓	✓	✓	✓
UL/cUL Class I, Div. 2; ATEX Class I, Zone 2	Pending	Pending	---	---	Pending
DNV/GL	Pending	Pending	---	---	Pending
NEMA TS2	---	---	---	---	---
EN50155/EN50121-4	---	---	---	---	---

M12 Ethernet коммутаторы



	Серия TN-5508	Серия TN-5510	Серия TN-5516	Серия TN-5518	Серия TN-5308	Серия TN-5308-PoE	Серия EDS-305-M12
Число портов							
Макс. число портов	8	10	16	18	8	8	5
Gigabit Ethernet, 10/100/1000 Mbps	---	2	---	2	---	---	---
Fast Ethernet, 10/100 Mbps	8	8	16	16	8	8 (4 PoE)	5
Доступные источники питания							
12/24/36/48 VDC	✓	✓	✓	✓	✓ (LV модель)	---	---
72/96/110 VDC	✓	✓	✓	✓	✓ (MV модель)	---	---
80-300 VDC, 85-264 VAC	✓	✓	✓	✓	---	---	---
24 VDC	---	---	---	---	---	---	✓
48 VDC	---	---	---	---	---	✓	---
24 VAC	---	---	---	---	---	---	✓
Опции установки							
DIN-Rail	опционально	опционально	опционально	опционально	опционально	опционально	опционально
Панельное	✓	✓	✓	✓	✓	✓	✓
Рабочий диапазон температур							
от 0 до 60°C	✓	✓	✓	✓	✓	✓	✓
от -40 до 75°C	✓	✓	✓	✓	✓	✓	✓
Резервирование и Backup							
Turbo Ring (время восстановления < 20 ms)	✓	✓	✓	✓	---	---	---
STP/RSTP	✓	✓	✓	✓	---	---	---
Сетевое управление и контроль							
IPv6	✓	✓	✓	✓	---	---	---
DHCP Option 66/67/82	✓	✓	✓	✓	---	---	---
IEEE 1588 PTP	✓	✓	✓	✓	---	---	---
LLDP	✓	✓	✓	✓	---	---	---
Modbus/TCP	✓	✓	✓	✓	---	---	---
IGMP/GMRP	✓	✓	✓	✓	---	---	---
Port Trunking	✓	✓	✓	✓	---	---	---
IEEE 802.1X	✓	✓	✓	✓	---	---	---
Port Lock	✓	✓	✓	✓	---	---	---
SNMP/RMON	✓	✓	✓	✓	---	---	---
VLAN	✓	✓	✓	✓	---	---	---
QoS	✓	✓	✓	✓	---	---	---
Релейные контакты	✓	✓	✓	✓	---	---	---
Сертификаты							
CE/FCC	✓	✓	✓	✓	✓	✓	✓
UL508	Pending	Pending	Pending	Pending	Pending	Pending	✓
Управление движением : NEMA TS2 e1	Pending Pending	Pending Pending	Pending Pending	Pending Pending	Pending Pending	Pending Pending	---
Железнодорожные применения : EN50155 EN50121-3-2 EN50121-4	Pending Pending Pending	Pending Pending Pending	Pending Pending Pending	Pending Pending Pending	Pending Pending Pending	Pending Pending Pending	✓ Pending Pending
DNV/GL	---	---	---	---	---	---	Pending

IEC 61850-3 Rackmount Ethernet коммутаторы



	PT-7828	PT-7728	PT-7710	PT-7324
Поддерживаемые модули				
Gigabit Ethernet модули	✓	✓	✓	✓
Fast Ethernet модули	✓	✓	✓	✓
SFP Gigabit Ethernet модули	✓	✓	✓	✓
SFP Fast Ethernet модули	✓	✓	✓	---
Число портов				
Макс. число портов	28	28	10	24
Gigabit Ethernet, 10/100/1000 Mbps	До 4	До 4	До 2	До 2
Fast Ethernet, 10/100 Mbps	До 24	До 24	До 10	До 24
Доступные источники питания				
24 VDC, изолированный	✓	✓	---	---
48 VDC, изолированный	✓	✓	---	---
12/24/48 VDC	---	---	✓	✓
88-300 VDC или 85-264 VAC, изолированный	✓	✓	✓	✓
Опции установки				
Rack Mounting	✓	✓	✓	✓
Панельное	---	---	✓	---
Рабочий диапазон температур				
от -40 до 85°C	✓	✓	✓	✓
Резервирование и Backup				
Turbo Ring (время восстановления < 20 ms)	✓	✓	✓	---
STP/RSTP	✓	✓	✓	---
Automatic Backup Configurator (ABC-01)	✓	✓	✓	---
Сетевое управление и контроль				
Layer 3	✓	---	---	---
IPv6	---	✓	✓	---
DHCP Option 66/67/82	✓	✓	✓	---
IEEE 1588 PTP	✓	✓	✓	---
LLDP	✓	✓	✓	---
Modbus/TCP	✓	✓	✓	---
IGMP/GMRP	✓	✓	✓	---
Port Trunking	✓	✓	✓	---
IEEE 802.1X	✓	✓	✓	---
Port Lock	✓	✓	✓	---
SNMP/RMON	✓	✓	✓	---
VLAN	✓	✓	✓	✓
QoS	✓	✓	✓	✓
Релейные контакты	✓	✓	✓	✓
Сертификаты				
CE/FCC	✓	✓	✓	✓
UL/cUL 60950-1	Pending	Pending	Pending	Pending
IEC 61850-3 (Энергетика)	✓	✓	✓	✓
IEEE 1613 (Энергетика)	✓	✓	✓	✓
NEMA TS2 (Управление движением)	✓	✓	✓	✓
EN50155/EN50121-4 (Железнодорожные применения)	✓	✓	✓	✓
DNV/GL	Pending	Pending	Pending	Pending