

# DLAS

## Технические характеристики

### По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

DLAS-06D3/R



Electrical Characteristics		
Network		RS422, RS485
Max. DC operating voltage	Uc	8 V
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current	IL	300 mA
Max. discharge current (max. withstand @ 8/20 μs by pole)	Imax	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level(Following the test category C3 (IEC61643-21) - Line/Line)	Up	20 V
Protection level(Following the test category C3 (IEC61643-21) - Line/PE)	Up	20 V
Impulse current (2 x 10/350 μs Test - D1 Category)	Iimp	5 kA
Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In	5 kA
Line/Line Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In L/L	5 kA
Line/Ground Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor)
SPD configuration		1-pair + shielded
Connection to Network		Spring terminal: cross section 0.4-1.5 mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
Disconnection indicator		Red light on
Spare module(s)		DLASM-06D3
Dimensions		See diagram
Weight		0.063 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		EAC
Part number		
<b>6413014</b>		

## DLAS-12D3



- ↳ Din rail plug-in surge protector
- ↳ 1-pair
- ↳ Visual indicator in failsafe behaviour
- ↳ Un: 12 V
- ↳ Shield wire protection
- ↳ Without line cut-off
- ↳ IEC 61643-21 compliance
- ↳ UL497B approved



Electrical Characteristics		
Network		RS232, RS485
Max. DC operating voltage	Uc	15 V
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current	IL	300 mA
Max. discharge current (max. withstand @ 8/20 µs by pole)	Imax	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level(Following the test category C3 (IEC61643-21) - Line/Line)	Up	30 V
Protection level(Following the test category C3 (IEC61643-21) - Line/PE)	Up	20 V
Impulse current (2 x 10/350µs Test - D1 Category)	Iimp	5 kA
Nominal discharge current (8/20µs Test x 10 - C2 Category)	In	5 kA
Line/Line Nominal discharge current (8 /20µs Test x 10 - C2 Category )	In L/L	5 kA
Line/Ground Nominal discharge current (8 /20µs Test x 10 - C2 Category)	In L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor)
SPD configuration		1-pair + shielded
Connection to Network		Screw terminal - cross section 0.5-2.5 mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
Disconnection indicator		Red light on
Spare module(s)		DLASM-12D3
Dimensions		See diagram
Weight		0.064 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL / EAC
Part number		
<b>641302</b>		

DLAS-12D3/R



Electrical Characteristics		
Network		RS232, RS485
Max. DC operating voltage	Uc	15 V
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current	IL	300 mA
Max. discharge current (max. withstand @ 8/20 μs by pole)	Imax	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level(Following the test category C3 (IEC61643-21) - Line/Line)	Up	30 V
Protection level(Following the test category C3 (IEC61643-21) - Line/PE)	Up	20 V
Impulse current (2 x 10/350 μs Test - D1 Category)	Iimp	5 kA
Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In	5 kA
Line/Line Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In L/L	5 kA
Line/Ground Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor)
SPD configuration		1-pair + shielded
Connection to Network		Spring terminal: cross section 0.4-1.5 mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
Disconnection indicator		Red light on
Spare module(s)		DLASM-12D3
Dimensions		See diagram
Weight		0.064 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		EAC
Part number		
<b>6413024</b>		

DLAS-24D3



- Din rail plug-in surge protector
- 1-pair
- Visual indicator in failsafe behaviour
- Un: 24 V
- Shield wire protection
- Without line cut-off
- IEC 61643-21 compliance
- UL497B approved



Electrical Characteristics		
Network		4-20 mA
Max. DC operating voltage	Uc	28 V
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current	IL	300 mA
Max. discharge current (max. withstand @ 8/20 µs by pole)	Imax	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level(Following the test category C3 (IEC61643-21) - Line/Line)	Up	40 V
Impulse current (2 x 10/350µs Test - D1 Category)	Iimp	5 kA
Nominal discharge current(8/20µs Test x 10 - C2 Category)	In	5 kA
Line/Line Nominal discharge current (8 /20µs Test x 10 - C2 Category )	In L/L	5 kA
Line/Ground Nominal discharge current (8 /20µs Test x 10 - C2 Category)	In L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor)
SPD configuration		1-pair + shielded
Connection to Network		Screw terminal - cross section 0.5-2.5 mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
Disconnection indicator		Red light on
Spare module(s)		DLASM-24D3
Dimensions		See diagram
Weight		0.064 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL / EAC
Part number		
<b>641303</b>		

DLAS-24D3/R



Electrical Characteristics		
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current	IL	300 mA
Max. discharge current (max. withstand @ 8/20 μs by pole)	Imax	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Impulse current (2 x 10/350 μs Test - D1 Category)	Iimp	5 kA
Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In	5 kA
Line/Line Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In L/L	5 kA
Line/Ground Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor)
SPD configuration		1-pair + shielded
Connection to Network		Spring terminal: cross section 0.4-1.5 mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
Disconnection indicator		Red light on
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		EAC
Part number		
6413034		

## DLAS-48D3



- ↳ Din rail plug-in surge protector
- ↳ 1-pair
- ↳ Visual indicator in failsafe behaviour
- ↳ Un: 48 V
- ↳ Shield wire protection
- ↳ Without line cut-off
- ↳ IEC/EN 61643-21 compliance
- ↳ UL497B approved



Electrical Characteristics		
Network		RNIS-T0, 48 V line
Max. DC operating voltage	Uc	53 V
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current	IL	300 mA
Max. discharge current (max. withstand @ 8/20 µs by pole)	Imax	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level(Following the test category C3 (IEC61643-21) - Line/Line)	Up	70 V
Impulse current (2 x 10/350µs Test - D1 Category)	Iimp	5 kA
Nominal discharge current(8/20µs Test x 10 - C2 Category)	In	5 kA
Line/Line Nominal discharge current (8 /20µs Test x 10 - C2 Category )	In L/L	5 kA
Line/Ground Nominal discharge current (8 /20µs Test x 10 - C2 Category)	In L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor)
SPD configuration		1-pair + shielded
Connection to Network		Screw terminal - cross section 0.5-2.5 mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
Disconnection indicator		Red light on
Spare module(s)		DLASM-48D3
Dimensions		See diagram
Weight		0.064 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL / EAC
Part number		
<b>641304</b>		

DLAS-48D3/R



Electrical Characteristics		
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current	IL	300 mA
Max. discharge current (max. withstand @ 8/20 μs by pole)	Imax	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Impulse current (2 x 10/350 μs Test - D1 Category)	Iimp	5 kA
Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In	5 kA
Line/Line Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In L/L	5 kA
Line/Ground Nominal discharge current (8/20 μs Test x 10 - C2 Category)	In L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor)
SPD configuration		1-pair + shielded
Connection to Network		Spring terminal: cross section 0.4-1.5 mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
Disconnection indicator		Red light on
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		EAC
Part number		
6413044		



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Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
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Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	