

# DACF25S

## Технические характеристики

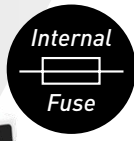
### По вопросам продаж и поддержки обращайтесь:

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
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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	

# TYPE 2 AC SURGE PROTECTOR WITH INTEGRATED FUSE



DACF25-10

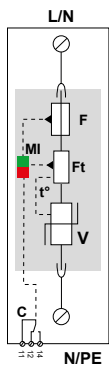
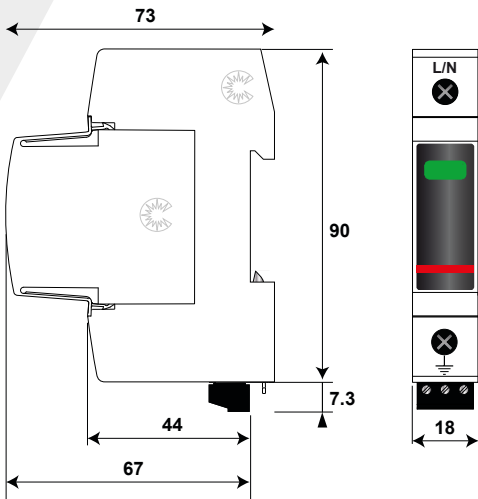


## DACF25 SERIES



- Type 2 Surge Protector with integrated fuse (SPDI)
- No external fuse required
- In: 15 kA
- I<sub>max</sub>: 25 kA
- Pluggable module for each phase
- Remote signaling (option)
- IEC 61643-11 and EN 61643-11 certified
- UL1449 ed.4 compliance

### Characteristics



V : Varistor  
 F : Fuse  
 Ft : Thermal fuse  
 C : Contact for remote signal  
 t° : Thermal disconnection system  
 MI : Disconnection indicator

CITEL Model		DACF25-10-440	DACF25-10-320	DACF25-10-275	DACF25-10-150
Description		Type 2 AC SPD with integrated fuse (SPDI) - 1-pole - pluggable			
Max. AC operating voltage	Uc	440 Vac	320 Vac	275 Vac	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec.	UT	580 Vac withstand	335 Vac withstand	335 Vac withstand	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn	UT	770 Vac disconnection	440 Vac disconnection	440 Vac disconnection	230 Vac disconnection
Residual current Leakage current at Uc	I <sub>pe</sub>	< 1 mA	< 1 mA	< 1 mA	< 1 mA
Follow current	I <sub>f</sub>	None	None	None	None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	15 kA	15 kA	15 kA	15 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	25 kA	25 kA	25 kA	25 kA
Protection level @ I <sub>n</sub> (8/20 μs)	U <sub>p</sub>	2 kV	1.5 kV	1.25 kV	0.9 kV
Residual voltage @ 5 kA (8/20 μs)	U <sub>p-5kA</sub>	1.5 kV	1.2 kV	1 kV	0.6 kV
Admissible short-circuit current	I <sub>scrr</sub>	100 000 A	100 000 A	100 000 A	100 000 A

#### Associated disconnectors

Thermal disconnector	internal
Fuses	internal (equivalent AC rating : 40 A, gG Type)
Existing upstream ground fault breaker (if any)	Type "S" or delayed

#### Mechanical characteristics

Dimensions	see diagram, 1 TE (DIN43880)
Connection to Network	By screw terminals: 2.5-25 mm <sup>2</sup> (35mm <sup>2</sup> rigid)
Failsafe mode	Disconnection from network
Disconnection indicator	1 mechanical indicator Green/Red
Remote signaling of disconnection output on changeover contact	option                      option                      option                      option
Max. voltage/current for remote signaling	DACF25S-10-440    DACF25S-10-320    DACF25S-10-275    DACF25S-10-150
Wiring for remote signaling	250 V/0.5 A (AC) / 30 V/3 A (DC)
Mounting	Symmetrical rail 35 mm (EN60715)
Operating temperature	-40/+85°C
Protection rating	IP20
Housing material	Thermoplastic UL94 V-0
Spare unit	MDACF25-440    MDACF25-320    MDACF25-275    MDACF25-150

#### Standards

Certification	EAC	EAC	KEMA / EAC	EAC
Compliance	IEC 61643-11 / NF EN 61643-11 / UL1449 ed.4			

#### Part number

	821410411	821410311	821410211	821410111
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\*] SPDI : SPD including all its safety devices : thermal disconnector AND electrical fuse against short circuit currents.

TYPE 2 AC MULTIPOLAR SURGE PROTECTOR WITH INTEGRATED FUSE

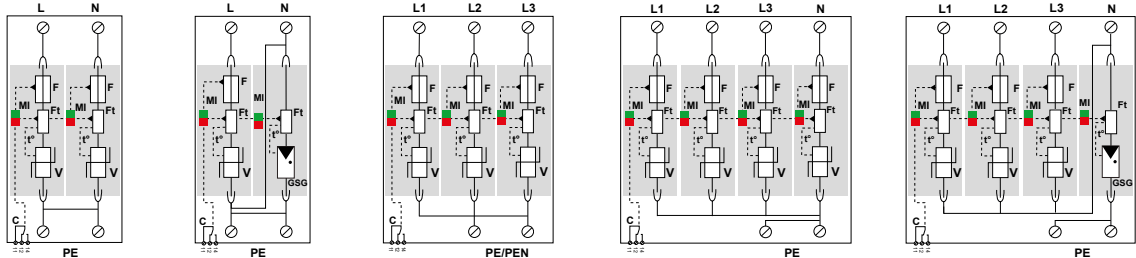
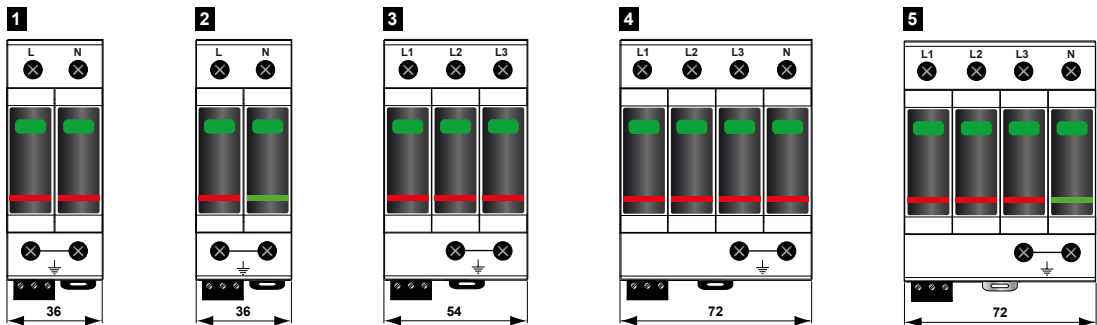
DACF25-11, DACF25-20, DACF25-30  
DACF25-31, DACF25-40



DACF25S-31

DACF25S-xx-xxx

- Maximum Operating voltage
- Configuration : 10 [single-pole 1+0], 11 [1+1], 20 [2+0], 30 [3+0], 40 [4+0], 31 [3+1]
- «S» = Remote signal option
- I<sub>max</sub> : 25 kA
- Integrated overcurrent protection (fuse)



V : Varistor high energy  
GSG: Specific gas tube  
F: Fuse  
Ft : Thermal fuse  
C : Contact for remote signal  
MI : Disconnection indicator

Model	P/N	Network	AC system	Protection mode	Up L/PE	Up L/N	Up N/PE	Dimension DIN43880	Diagram
DACF25-31-320	821410334	230/400 V 3-Phase+N	TT-TNS System (3+1)	L/N and N/PE	-	1.5 kV	1.5 kV	4 TE	5
DACF25-31-275	821410234	230/400 V 3-Phase+N	TT-TNS System (3+1)	L/N and N/PE	-	1.25 kV	1.5 kV	4 TE	
DACF25-31-150	821410134	120/208 V 3-Phase+N	TT-TNS System (3+1)	L/N and N/PE	-	0.9 kV	1.5 kV	4 TE	4
DACF25-40-440	821410414	230/400 V 3-Phase+N	IT System (4+0)	L/PE and N/PE	2 kV	-	2 kV	4 TE	
DACF25-40-320	821410314	230/400 V 3-Phase+N	TNS System (4+0)	L/PE and N/PE	1.5 kV	-	1.5 kV	4 TE	3
DACF25-40-275	821410214	230/400 V 3-Phase+N	TNS System (4+0)	L/PE and N/PE	1.25 kV	-	1.25 kV	4 TE	
DACF25-40-150	821410114	120/208 V 3-Phase+N	TNS System (4+0)	L/PE and N/PE	0.9 kV	-	0.9 kV	4 TE	
DACF25-30-440	821410413	230/400 V 3-Phase	IT System (3+0)	L/PE	2 kV	-	-	3 TE	2
DACF25-30-320	821410313	230/400 V 3-Phase	TNC System (3+0)	L/PE	1.5 kV	-	-	3 TE	
DACF25-30-275	821410213	230/400 V 3-Phase	TNC System (3+0)	L/PE	1.25 kV	-	-	3 TE	
DACF25-30-150	821410113	120/208 V 3-Phase	TNC System (3+0)	L/PE	0.9 kV	-	-	3 TE	1
DACF25-11-320	821410332	230 V Single Phase	TT-TN System (1+1)	L/N and N/PE	-	1.5 kV	1.5 kV	2 TE	
DACF25-11-275	821410232	230 V Single Phase	TT-TN System (1+1)	L/N and N/PE	-	1.25 kV	1.5 kV	2 TE	
DACF25-11-150	821410132	120 V Single Phase	TT-TN System (1+1)	L/N and N/PE	-	0.9 kV	1.5 kV	2 TE	
DACF25-20-440	821410412	230 V Single Phase	IT System (2+0)	L/PE and N/PE	2 kV	-	2 kV	2 TE	
DACF25-20-320	821410312	230 V Single Phase	TN System (2+0)	L/PE and N/PE	1.5 kV	-	1.5 kV	2 TE	
DACF25-20-275	821410212	230 V Single Phase	TN System (2+0)	L/PE and N/PE	1.25 kV	-	1.25 kV	2 TE	
DACF25-20-150	821410112	120 V Single Phase	TN System (2+0)	L/PE and N/PE	0.9 kV	-	0.9 kV	2 TE	

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