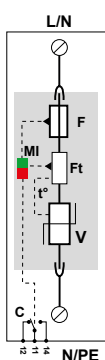
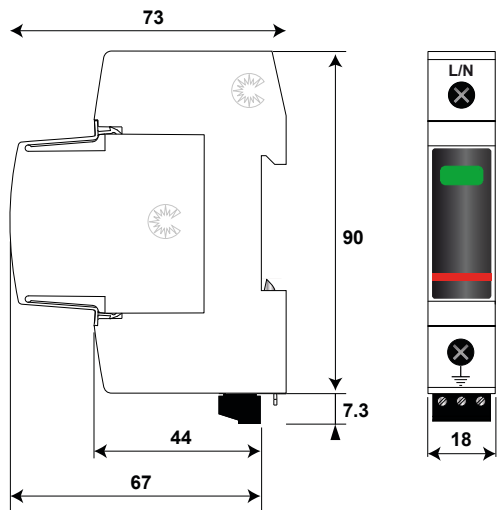
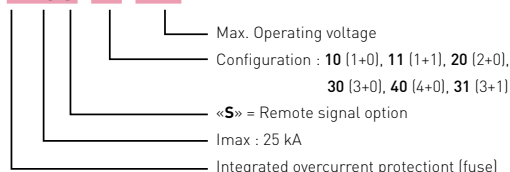


DACF25 SERIES



- No external fuse required
- In : 15 kA
- I_{max} : 25 kA
- Pluggable module for each phase
- Remote signaling option
- IEC 61643-11 and EN 61643-11 certified
- UL1449 ed.4 compliance

DACF25S-xx-xxx



V: High-energy varistor
 F: Overcurrent protection (fuse)
 Ft: Thermal fuse
 C: Remote signaling contact
 t°: Thermal disconnection system
 Mi: Disconnection indicator

Characteristics

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

Associated disconnectors

Thermal disconnector	internal
Fuses	internal (equivalent AC rating : 63 A, gG Type)
Existing upstream ground fault breaker (if any)	Type "S" or delayed

Mechanical characteristics

Dimensions	see diagram, 1 TE (EN43880)
Connection to Network	By screw terminals: 2.5-25 mm ² (35mm ² 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
DACF25S-10-440 DACF25S-10-320 DACF25S-10-275 DACF25S-10-150	
Max. voltage/current for remote signaling	250 V/0.5 A (AC) / 30 V/2 A (DC)
Wiring for remote signaling	max. 1.5 mm ²
Mounting	Symmetrical rail 35 mm (EN60715)
Operating temperature	-40/+85°C
Protection rating	IP20
Housing material	Thermoplastic UL94-V0
Spare unit	MDACF25-440 MDACF25-320 MDACF25-275 MDACF25-150

Standards

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

Part number

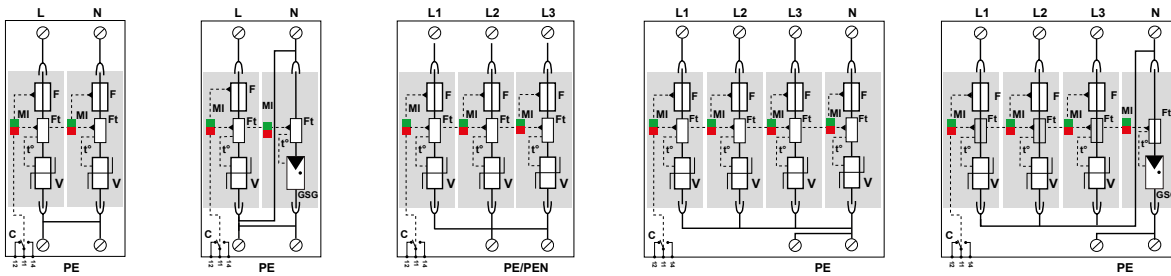
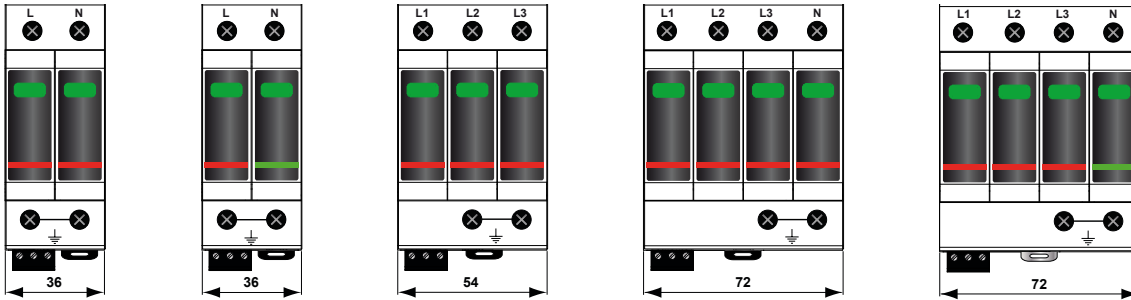
821410411	821410311	821410211	821410111
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DACF25S-31

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



V: High-energy varistor
GSG: Specific gas tube
Ft: Thermal fuse
C: Remote signaling contact
t°: Thermal disconnection system
Mi: Disconnection indicator
F: Overcurrent protection (fuse)

Model	P/N	Network	AC system	Protection mode	Up L/PE	Up L/N	Up N/PE	Dimension EN43880	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	2
DACF25-30-440	821410413	230/400 V 3-Phase	IT System (3+0)	L/PE	2 kV	-	-	3 TE	
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	1
DACF25-30-150	821410113	120/208 V 3-Phase	TNC System (3+0)	L/PE	0.9 kV	-	-	3 TE	
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	2
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	1
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	