



## Type 2 AC surge protector - Re-inforced - pluggable

# CITEL

## DAC80S-31-150



- Re-inforced Type 2 AC surge protector
- In: 40 kA
- Imax: 80 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



	<b>Electrical Characteristics</b>																																											
<p>V: High-energy varistor GSG: Specific gas tube Ft: Thermal fuse C: Remote signaling contact t*: Thermal disconnection system MI: Disconnection indicator</p>	<table border="1"> <tbody> <tr><td>SPD type</td><td></td><td>2</td></tr> <tr><td>Network</td><td></td><td>120/208 V 3-phase+N</td></tr> <tr><td>AC system</td><td></td><td>TT-TNS</td></tr> <tr><td>Max. AC operating voltage</td><td>Uc</td><td>150 Vac</td></tr> <tr><td>Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection</td><td>UT</td><td>180 Vac withstand</td></tr> <tr><td>Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection</td><td>UT</td><td>230 Vac disconnection</td></tr> <tr><td>Residual Current Leakage current to Ground</td><td>Ipe</td><td>&lt; 1 mA</td></tr> <tr><td>Follow current</td><td>If</td><td>None</td></tr> <tr><td>Nominal discharge current 15 x 8/20 μs impulses</td><td>In</td><td>40 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>Imax</td><td>80 kA</td></tr> <tr><td>Protection mode(s)</td><td></td><td>L/N and N/PE</td></tr> <tr><td>Protection level @ In (8/20μs) and @ 6 kV (1,2/50 μs)</td><td>Up L/N</td><td>1.2 kV</td></tr> <tr><td>Protection level N/PE @ In (8/20μs) and @ 6 kV (1,2/50 μs)</td><td>Up N/PE</td><td>1.5 kV</td></tr> <tr><td>Admissible short-circuit current</td><td>Iscrr</td><td>50 000 A</td></tr> </tbody> </table>		SPD type		2	Network		120/208 V 3-phase+N	AC system		TT-TNS	Max. AC operating voltage	Uc	150 Vac	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	180 Vac withstand	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	230 Vac disconnection	Residual Current Leakage current to Ground	Ipe	< 1 mA	Follow current	If	None	Nominal discharge current 15 x 8/20 μs impulses	In	40 kA	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	80 kA	Protection mode(s)		L/N and N/PE	Protection level @ In (8/20μs) and @ 6 kV (1,2/50 μs)	Up L/N	1.2 kV	Protection level N/PE @ In (8/20μs) and @ 6 kV (1,2/50 μs)	Up N/PE	1.5 kV	Admissible short-circuit current	Iscrr	50 000 A
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