

Class II / DS40



▲ DS40/275(V+T)



▲ DS40/275(V+T)-S

- Normal/failure indication function
- Mov Fault Alarm (Option)
- Module Detachable

Technical data

Model	DS40/275(V+T) Ⓢ	DS40/275(V+T)-S Ⓢ
Electrical characteristics	1P2W	1P2W
Max. continuous operating voltage U_c	275V	275V
Nominal discharge current (8/20 μ s) I_n (L-N/N-PE)	20kA	20kA
Max. discharge current (8/20 μ s) I_{max} (L-N/N-PE)	40kA	40kA
Voltage Protection level at I_n U_p	<1,5kV	<1,5kV
U_p (N-PE)	<1,5kV	<1,5kV
Response time t_A (L-N/N-PE)	<25ns/100ns	<25ns/100ns
Mechanical characteristics		
Thermal protection	Yes	
Temperature range	-40°C~+80°C	
Mounting	DIN rail 35mm	
Degree of protection	IP20	
Housing material	Thermoplastic; extinguishing degree UL 94 V-0	
Indication of disconnecter operation	Green (Normal) / Red (Fail)	
Remote contacts (RC)	Yes (Option)	
Contact ratings	AC 250V/1A	
Conductor size	$\leq 25 \text{ mm}^2$ (solid) / $\leq 16 \text{ mm}^2$ (wire)	

Class II / DT40



▲ DT40/275(3V)



▲ DT40/275(3V+T)

- Normal/failure indication function
- Mov Fault Alarm (Option)
- Module Detachable

Technical data

Model	DT40/275(3V) Ⓢ	DT40/275(3V+T) Ⓢ
Electrical characteristics	3P3W	3P4W
Max. continuous operating voltage U_c	275V	275V
Nominal discharge current (8/20 μ s) I_n (L-N/N-PE)	20kA	20kA
Max. discharge current (8/20 μ s) I_{max} (L-N/N-PE)	40kA	40kA
Voltage Protection level at I_n U_p	<1,5kV	<1,5kV
U_p (N-PE)	-	<1,5kV
Response time t_A (L-N/N-PE)	<25ns	<25ns/100ns
Mechanical characteristics		
Thermal protection	Yes	
Temperature range	-40°C~+80°C	
Mounting	DIN rail 35mm	
Degree of protection	IP20	
Housing material	Thermoplastic; extinguishing degree UL 94 V-0	
Indication of disconnecter operation	Green (Normal) / Red (Fail)	
Remote contacts (RC)	Yes (Option)	
Contact ratings	AC 250V/1A	
Conductor size	$\leq 25 \text{ mm}^2$ (solid) / $\leq 16 \text{ mm}^2$ (wire)	