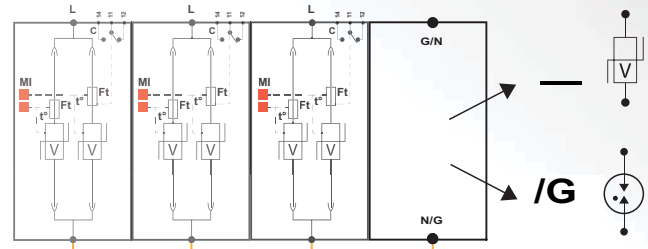
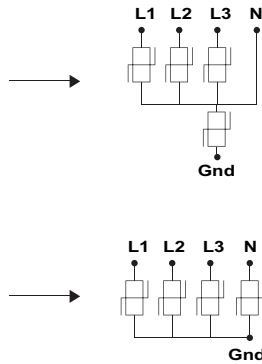
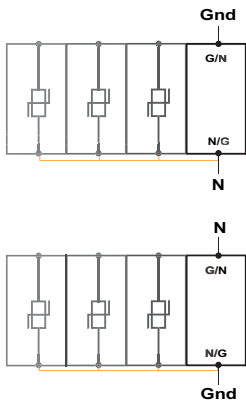


DS70U Range

**Imax
75 kA**



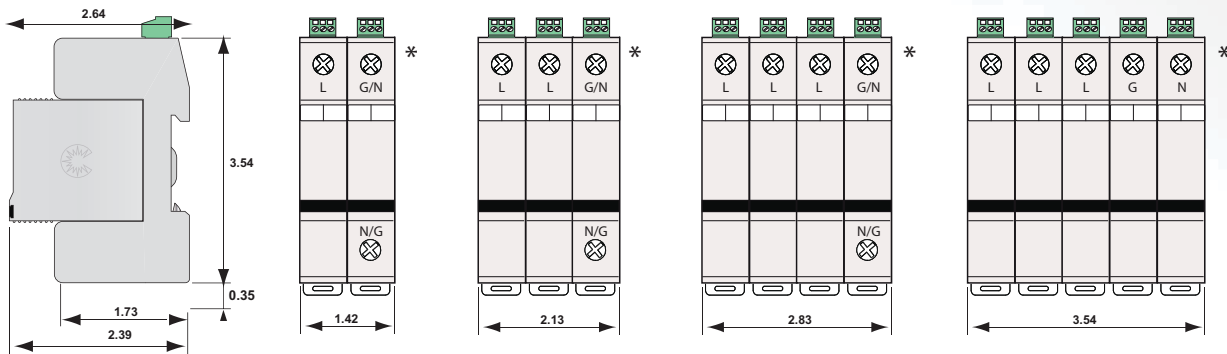
- **UL 1449 ed. 4 Open Type 1**
- **75kA I_{max} per mode**
- **In 20kA**
- **I_{imp} 6kA**
- **Easy to select in regards to power supply system**



Description		DS72US-120S/G	DS73US-120T/G	DS74US-120Y/G	DS72US-230S/G	DS74US-230Y/G	DS74US-240Y/G	DS74US-240D/G	DS74US-277Y/G
Product Part Number		32273255	32273355	32163455	32193255	321934551	321934552	32173455	32143455
System voltage		120	120-240	120-208	230	230-400	240-415	240	277-480
System		2W+G [Single]	3W+G [Split Ph]	4W+G [Wye]	2W+G [Single]	4W+G [Wye]	4W+G [Wye]	3W+G [Delta]	4W+G [Wye]
Maximum Operating Voltage	MCOV [V]	L-G	255	255	255	320	320	320	275
		L-N	210	210	150	320	320	320	-
		N-G	255	255	255	255	255	255	-
		L-L	-	420	300	-	640	640	550
Operating Current	I _c	mA			None				
Follow current	I _f	A			None				
Short Circuit Current Rating	SCCR	kA	200	200	200	200	200	200	200
Maximum Leakage Current	I _{pe}	mA				None			
Maximum Recommended fuse	Rating , Type				200A, Class J				
Frequency	f	Hz			50 - 60				
Nominal discharge current	I _n (8/20)	kA	20	20	20	20	20	20	20
Maximum Discharge Current	I _{max} (8/20 kA)	L-G	75	75	75	75	75	75	75
		N-G	100	100	100	100	100	100	-
Impulse Discharge Current per phase	I _{imp} (10/350)	kA	6	6	6	6	6	6	6
	Total Maximal Discharge Current	I _{total} (8/20)	kA	100	100	100	100	100	100
Total Maximal Discharge Current	I _{total} (10/350)	kA	15	15	15	15	15	15	15
Let through Voltage	U _{res} [V] at 20kA	L-G	1200	1200	1200	1300	1300	1300	1200
		L-N	1100	1100	900	1300	1300	1300	-
		N-G	1200	1200	1200	1200	1200	1200	-
		L-L	-	2000	1800	-	2600	2600	2400
Voltage Protection Rating	VPR [V]	L-G	1500	1500	1500	1100	1100	1100	1000
		L-N	800	800	700	1000	1000	1000	-
		N-G	1200	1200	1200	1100	1100	1100	-
		L-L	-	1200	1000	-	1800	1800	1500
Number of poles		2	3	4	2	4	4	4	
Shipping Dimension	Inches	4 x 2.8 x 1.61	4 x 2.8 x 2.25	4 x 2.8 x 3.05	4 x 2.8 x 1.61	4 x 2.8 x 3.05	4 x 2.8 x 3.05	4 x 2.8 x 3.05	4 x 2.8 x 3.05
Shipping Weight	Oz	9.6	14.4	17.3	9.6	17.5	17.5	17.5	17.7
Standard's Compliance or recognition	UL1449 ed4	File: E326289	Open Type 1	Open Type 1	Open Type 1	Open Type 1	Open Type 1	Open Type 1	Open Type 1
	IEC 61643-11 ed2		Type 2	Type 2	Type 2	Type 2	Type 2	Type 2	Type 2
Visual disconnection indicator					2 mechanical indicators per pole				
Remote signalization					1 NO - NC dry contact switch per poles [Optional accessory to reduce to 1 per product]				
Wiring type					Screw terminal				
Wire Minimum and maximum dimension	AWG #				13 - 2 (4 if stranded wire)				
Operating Temperature	°F				-40 +185				
Housing- Enclosure material					Plastic UL 94 rated V0				
Mounting type					DIN RAIL [Omega type]				
Environmental rating	IP				IP20				
	Nema				NEMA 2				
Location Installation					Indoor				

DS70U Range

**Imax
75 kA**



* 2 Wiring Options
See Install Sheet for
further info

Description		DS72US-120S	DS73US-120T	DS74US-120Y	DS72US-230S	DS74US-230Y	DS74US-240Y	DS74US-240D	DS74US-277Y	DS74US-347Y	DS75US-400Y	DS74US-480D	DS74US-600D
Product Part Number		32274255	32274355	321614551	32194255	321944551	321944552	321614552	32144455	32134455	32144555	32171455	32141455
System voltage		120	120-240	120-208	230	230-400	240-415	240	277-480	347-600	400-690	480	600
System		2W+G (Single)	3W+G (Split Ph)	4W+G (Wye)	2W+G (Single)	4W+G (Wye)	4W+G (Wye)	3W+G (Delta)	4W+G (Wye)	4W+G (Wye)	4W+G (Wye)	3W+G (Delta)	3W+G (Delta)
Maximum Operating Voltage	MCOV [V]	L-G 360	L-G 360	L-G 300	L-G 595	L-G 595	L-G 595	L-G 300	L-G 740	L-G 880	L-G 630	L-G 550	L-G 840
		L-N 210	L-N 210	L-N 150	L-N 320	L-N 320	L-N 320	L-N -	L-N 420	L-N 460	L-N 570	L-N -	L-N -
		N-G 150	N-G 150	N-G 150	N-G 275	N-G 275	N-G 275	N-G -	N-G 320	N-G 420	N-G 360	N-G -	N-G -
		L-L -	L-L 420	L-L 300	L-L -	L-L 640	L-L 640	L-L 300	L-L 840	L-L 920	L-L 840	L-L 550	L-L 840
Operating Current	Ic	mA				None	None						
Follow current	If	A											
Short Circuit Current Rating	SCCR	kA	200	200	200	200	200	200	200	200	200	200	200
Maximum Leakage Current	Ipe	mA					1						
Maximum Recommended fuse	Rating, Type						200A, Class J						
Frequency	f	Hz				50 - 60							
Nominal discharge current	In (8/20)	kA	20	20	20	20	20	20	20	20	20	20	20
Maximum Discharge Current	Imax (8/20 kA)	L-G 75	L-G 75	L-G 75	L-G 75	L-G 75	L-G 75	L-G 75	L-G 75	L-G 75	L-G 75	L-G 75	L-G 75
		N-G 75	N-G 75	N-G 75	N-G 75	N-G 75	N-G 75	N-G -	N-G 75	N-G 75	N-G 75	N-G -	N-G -
		L-L 6	L-L 6	L-L 6	L-L 6	L-L 6	L-L 6	L-L 6	L-L 6	L-L 6	L-L 6	L-L 6	L-L 6
Total Maximal Discharge Current	Itotal (8/20)	kA	140	210	280	140	280	280	280	280	350	280	280
Total Maximal Discharge Current	Itotal (10/350)	kA	12	18	24	12	24	24	24	24	30	24	24
Let through Voltage	Ures [V] at 20kA	L-G 2000	L-G 2000	L-G 1800	L-G 2500	L-G 2500	L-G 1800	L-G 3000	L-G 3500	L-G 2800	L-G 2400	L-G 3400	L-G 3400
		L-N 1100	L-N 1100	L-N 900	L-N 1300	L-N 1300	L-N 1300	L-N -	L-N 1700	L-N 1800	L-N 2600	L-N -	L-N -
		N-G 900	N-G 900	N-G 900	N-G 1200	N-G 1200	N-G 1200	N-G -	N-G 1300	N-G 1700	N-G 2000	N-G -	N-G -
		L-L -	L-L 2200	L-L 1800	L-L -	L-L 2600	L-L 2600	L-L 1800	L-L 3400	L-L 3600	L-L 3400	L-L 2400	L-L 3400
Voltage Protection Rating	VPR [V]	L-G 1200	L-G 1200	L-G 1200	L-G 1800	L-G 1800	L-G 1800	L-G 1000	L-G 2500	L-G 1700	L-G 2000	L-G 1500	L-G 2500
		L-N 800	L-N 800	L-N 800	L-N 1000	L-N 1000	L-N 1000	L-N -	L-N 1500	L-N 1700	L-N 1800	L-N -	L-N -
		N-G 700	N-G 700	N-G 700	N-G 900	N-G 900	N-G 900	N-G -	N-G 1000	N-G 1400	N-G 1500	N-G -	N-G -
		L-L -	L-L 1200	L-L 1200	L-L -	L-L 1800	L-L 1800	L-L 1000	L-L 2500	L-L 2700	L-L 2500	L-L 1500	L-L 2500
Number of poles		2	3	4	2	4	4	4	4	4	5	4	4
Shipping Dimensions	Inches	4 x 2.8 x 1.61	4 x 2.8 x 2.25	4 x 2.8 x 3.05	4 x 2.8 x 1.61	4 x 2.8 x 3.05	4 x 2.8 x 3.05	4 x 2.8 x 3.05	4 x 2.8 x 3.05	4 x 2.8 x 3.05	4 x 2.8 x 3.75	4 x 2.8 x 3.05	4 x 2.8 x 3.05
Shipping Weight	Oz.	9.2	14.2	17.3	10	15.1	17.4	17.4	17.7	17.7	28	17.7	17.7
Standard's Compliance or recognition	UL 1449 ed4 IEC 61643-11 ed2	File: E326289	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2	Open Type 1 Type 2
Visual disconnection indicator													
Remote signalization													
Wiring type													
Wire Minimum and maximum dimension	AWG #												
Operating Temperature	°F												
Housing- Enclosure material													
Mounting type													
Environmental rating	IP Nema												
Location Installation													