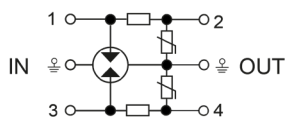


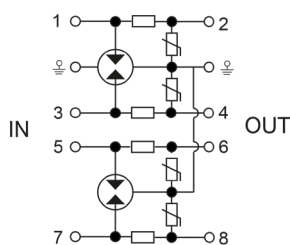
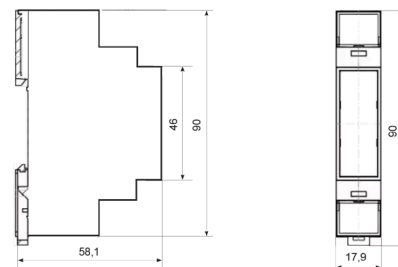


Category IEC / EN: D1/C1/C2/C3
 Design: compact design
 Protection: 1 line (2 conductors)
 Voltage ratings: 170 VDC
 Frequency Range: 30 MHz
 Complies with: EN 61643-31:2019, IEC 61643-31:2018

Technical data: DAT PRO2-170		DAT PRO1-170	DAT PRO2-170
Protected line(s)		1	2
Nominal operating voltage	U_n	110 Vdc	
Maximum continuous operating voltage	U_c	170 Vdc	
Nominal discharge current (8/20)	I_n	10 kA	
Maximum discharge current (8/20)	I_{max}	20 kA	
Rated load current	I_L	1 A	
Residual voltage at 5 kA (8/20)	U_{res}	> 450V	
Response time	t_a	< 25 ns	
Mechanical characteristics			
Dimensions	90 x 58,1 x 17,9 mm		
Max.cross section for terminals	2,5 mm ² flex		
Terminal torque (max.)	0,5 Nm		
Operating temperature range	-40 °C/+80 °C		
Degree of protection (IEC/EN 60529)	IP20		
Housing material	Thermoplastic, gray		
Mounting	DIN rail mounting		
Order informations		Order Code	Weight
DAT PRO2-170		100001	64 g
DAT PRO1-170		100002	52 g



DAT PRO1-170

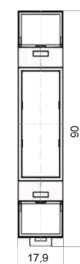
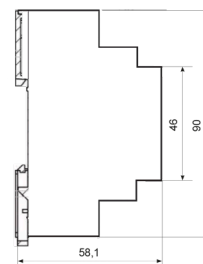
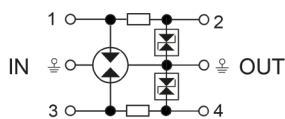


DAT PRO2-170



Category IEC / EN: D1/C1/C2/C3
 Design: compact design
 Protection: 1 line (2 conductors)
 Voltage ratings: 5, 12, 24, 48, 60 VDC
 Frequency Range: 30MHz
 Complies with: EN 61643-31:2019, IEC 61643-31:2018

Technical data:		DAT PRO1-5	DAT PRO1-12	DATA PRO1-24	DATA PRO1-48	DATA PRO1-60
Protected line(s)		1				
Nominal operating voltage	U_n	5 Vdc	12 Vdc	24 Vdc	48 Vdc	60 Vdc
Maximum continuous operating voltage	U_c	6 Vdc	15 Vdc	28 Vdc	52 Vdc	64 Vdc
Nominal discharge current (8/20)	I_n	10 kA				
Maximum discharge current (8/20)	I_{max}	20 kA				
Rated load current	I_L	1 A				
Residual voltage at 5 kA (8/20)	U_{res}	< 25V	< 40 V	< 70 V	< 140 V	< 160 V
Response time	t_a	< 25 ns				
Mechanical characteristics						
Dimensions		90 x 58,1 x 17,9 mm				
Max.cross section for terminals		2,5 mm ² flex				
Terminal torque (max.)		0,5 Nm				
Operating temperature range		-40 °C/+80 °C				
Degree of protection (IEC/EN 60529)		IP20				
Housing material		Thermoplastic, gray				
Mounting		DIN rail mounting				
Order informations		Order Code	Weight			
DAT PRO1-5		100015	52 g			
DAT PRO1-12		100003	52 g			
DAT PRO1-24		100004	52 g			
DAT PRO1-48		100005	52 g			
DAT PRO1-60		100006	52 g			





Category IEC / EN: D1/C1/C2/C3
 Design: compact design
 Protection: 1 line (2 conductors)
 Voltage ratings: 5, 12, 24, 48, 60 VDC
 Frequency Range: 30MHz
 Complies with: EN 61643-31:2019, IEC 61643-31:2018

Technical data:		DAT PRO2-5	DAT PRO2-12	DATA PRO2-24	DATA PRO2-48	DATA PRO2-60
Protected line(s)		2				
Nominal operating voltage	U_n	5 Vdc	12 Vdc	24 Vdc	48 Vdc	60 Vdc
Maximum continuous operating voltage	U_c	6 Vdc	15 Vdc	28 Vdc	52 Vdc	64 Vdc
Nominal discharge current (8/20)	I_n	10 kA				
Maximum discharge current (8/20)	I_{max}	20 kA				
Rated load current	I_L	1 A				
Residual voltage at 5kA (8/20)	U_{res}	< 25V	< 40 V	< 70 V	< 140 V	< 160 V
Response time	t_a	< 25 ns				

Mechanical characteristics		
Dimensions	90 x 58,1 x 17,9 mm	
Max.cross section for terminals	2,5 mm ² flex	
Terminal torque (max.)	0,5 Nm	
Operating temperature range	-40 °C/+80 °C	
Degree of protection (IEC/EN 60529)	IP20	
Housing material	Thermoplastic, gray	
Mounting	DIN rail mounting	
Order informations		
	Order Code	Weight
DAT PRO2-5	100016	64 g
DAT PRO2-12	100011	64 g
DAT PRO2-24	100012	64 g
DAT PRO2-48	100013	64 g
DAT PRO2-60	100014	64 g

