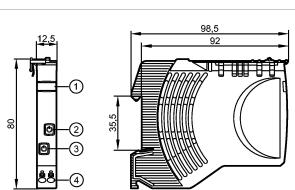
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DF2214

Fuse/IO-Link/24VDC/2x4A

Evaluation systems, power supplies



- 1: label
- 2: ON/OFF/reset button and Status-LED (channel 2)
- 3: ON/OFF/reset button and Status-LED (channel 1)
- 4: Push-in terminals outputs 1/2



Product characteristics

Circuit protection module, IO-Link

Nominal current (Fail-safe element) 2 x 4 A

for supply module DF2100

Application

Application

Circuit protection with monitoring function for the 24 V DC secondary circuit.

Modular and selective protection in plant and machinery.

Via IO-Link detection of triggering cause and current and voltage measurement in each channel.

Electrical data		
Input voltage range	[V]	19.230 DC; to SELV/PELV
Nominal voltage	[V]	24 DC
Nominal current [A]		2 x 4 A
Mains buffering time	[ms]	10
Protection class		III
Closed-circuit current	[mA]	8
<u> </u>		

Output curve

1000 -									24	V DC,	23 °C)
100 -												
<u>ිග</u> 10 -												
Switch-off time [s]												
Switch 0,1 -												
0,01 -									L			
0,001 -	0 1	1 1	2 1	1 1	6 1	Q /	2 2	2 2	1 2	6 2	Ω	3
0 1 1,2 1,4 1,6 1,8 2 2,2 2,4 2,6 2,8 3 Multiples of nominal current												
Time-current characteristics												

Outputs		
Load capacitance, total	[mF]	≤ 15
Environment		
Ambient temperature	[°C]	-2560
Storage temperature	[°C]	-4070

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DF2214

Fuse/IO-Link/24VDC/2x4A

Evaluation systems, power supplies

Protection		IP 20; on the front				
Degree of soiling		2				
Tests / approvals						
EMC	EN 61000-6-3 EN 61000-6-2	/ radiation of interference / noise immunity				
Mechanical data						
Installation		rail TH35 (to EN 60715)				
Weight [kg]	0.075					
Displays / operating elements						
Function display LED		status LEDs				
Electrical connection						
Connection	push-	in terminals; contact lever/strip				
Wiring						
DF2100 DF2100 DF22xx DF22xx OV O COM C 24 V DC O O-1 O-2						

 $ifm\ efector,\ inc. \bullet 1100\ Atwater\ Drive\ \bullet\ Malvern\ \bullet\ PA\ 19355\ -\ We\ reserve\ the\ right\ to\ make\ technical\ alterations\ without\ prior\ notice.\ -\ US\ -\ DF2214\ -\ 19.04.2016$