

# DIOSWITCH IP67 10/100



<b>Identification</b>	Type	DIOSWITCH IP67
	Part-No.	745569
<b>Use/Area of application</b>		
Description	8 Port 10/100Base-TX Switch IP67 for use in rail vehicles.	
<b>Ethernet</b>		
Ports	8x10/100Base-TX	
Connection	8xM12 jack, 4-pin, as per IAONA Spec.	
Properties	Autonegotiation Autocrossing Autopolarity IEEE802.3 (CSMA / CD) IEEE802.3u (Fast Ethernet) IEEE802.3 (Full Duplex Flow Control) Store and Forward Switching Mode Profinet (Conformance Class CC-A)	
<b>Voltage range</b>		
Voltage range incl. ripple	DC 16.8 V - 30 V	
Ripple	max. 10 %	
Rated current (at $U_N$ )	max. 200 mA	
Connection	M12 connector 5-pin	
<b>Diagnostics</b>		
Diagnosis indications	Logic supply (UL) LED green Link status (Link) LED yellow 10/100M Speed, LED green	
<b>Electrical isolation</b>		
Isolating voltage	AC 1000 V Ethernet and supply	
<b>Technical data</b>		
Dimensions (w x h x d)	118.0x141.5x45.4 mm	

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Weight (kg/piece)	0.780 (kg/piece)
Protection class	IP 67
Field instalation	DIN rail mounting
Operating temperature	-40 °C to +70 °C (+85 °C for 10 min)
Storage temperature range min/max	-40 °C to +85 °C

<b>Standards</b>	Electronic equipment on railway vehicles: EN 50155:2001-08 Electromagnetic compatibility: EN 50121-3-2: 2006-7 Insulation coordination: EN 50124-1:2001-03 Vibrations and shocks: EN 61373:1999-04
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## Dimensions

