590.DCGE0416

SWITCH DISCONNECTOR
16A DC IP66/IP69 110x150x87mm
D1 IK09 GENERAL GREY/BLACK GW
650°C



EN IEC 60947-1 (2021)
EN IEC 60947-3 (2021)
Low voltage direct. 2014/35/EU

Commercial Series	ISOLATORS-PV Series
Synthetical description	SWITCH DISCONNECTOR
Type	GENERAL
Mounting version	SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	16A
Poles	DC
Poles in series	4
Switch size	D1
Rated voltage	450V
Rated insulation voltage (Ui)	600VDC
	690VAC
Rated impulse voltage (Uimp)	4kV
Thermal current (Ithe)	30A
Current (Ie) in PV1-DC21B	32A(300Vdc)
	16A(450Vdc)
Short-time current	400A Icw(1s)
Terminals - Flexible wires	1.5-10mm²
Terminals - Rigid wires	1.5-10mm²

PHYSICAL CHARACTERISTICS

Construction type	Enclosed
Mounting version	SURFACE MOUNTING
Material	ENGINEERING PLASTIC
Protection degree IP	IP66/IP69
Installation temperature	-25°C/+60°C
Colour	GREY/BLACK
GLOW WIRE	GW 650°C
Protection degree IK	IK09

DIMENSIONAL CHARACTERISTICS

Dimensions	110x150x87mm

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Technical drawing [PDF]
Technical drawing [DWG]
Technical drawing [STP]
Instruction manual

OPTIONS & VARIOUS NOTES

Catalogue notes	Handle padlockable in OFF (3 padlocks) and ON (1 padlock) position
Catalogue notes	Equipped with door interlock
Catalogue notes	Break-through cable entries on bottom side base
Catalogue notes	Reversible base
Catalogue notes	Blank side with drilling point marks on top side base

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