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ISO 9001 Certified Quality System

DX150301EUADRND





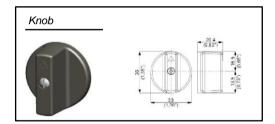


				(W)
Technical data according to IEC 60947-3:2015/A2 AnnexD				
Utilization category			PV1 (DC21B)	PV2
Rated operational voltage	Ue	V dc	1500	1500
Rated operational current	le	A dc	20	8
Rated operational voltage (second rating)	Ue	V dc	1300	1300
Rated operational current (second rating)	le	A dc	25	10
Rated operational voltage (third rating)	Ue	V dc	1250	1250
Rated operational current (third rating)	le	A dc	30	12
Rated operational voltage (fourth rating)	Ue	V dc	1000	1000
Rated operational current (fourth rating)	le	A dc	50	20
Rated operational voltage (fifth rating)	Ue	V dc	-	800
Rated operational current (fifth rating)	le	A dc	-	30
Rated operational voltage (sixth rating)	Ue	V dc	-	700
Rated operational current (sixth rating)	le	A dc	-	40
Rated thermal current	Ith	Α	5	0
DC Poles		Nr.	2	2
Rated conditional short-circuit current		kA	5	5
Rated insulation voltage	Ui	V dc	1.5	600
Rated impulse withstand voltage	Uimp	kV	8	3
Rated short-time withstand current (1s)	lcw	Α	78	30
Rated short-circuit making capacity	Icm	kA	1,	,4
Power loss per layer at 20A/50A		W	0,2/	1,25
Power loss per layer at 20A/50A Max fuse size for short-circuit protection	gPV	W A	0,2/	
	gPV	- 11		
Max fuse size for short-circuit protection	gPV	- 11	5 Base m Back-side for DIN	ounting. I rail, for standard Is (45mm window).
Max fuse size for short-circuit protection Mechanical characteristics	gPV	- 11	5 Base m Back-side for DIN distribution board	ounting. I rail, for standard Is (45mm window). Dunted knob
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting	gPV	A	5 Base m Back-side for DIN distribution board With pre-mo	ounting. I rail, for standard Is (45mm window). Dunted knob
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers	gPV	A	Base m Back-side for DIN distribution board With pre-mo	ounting. I rail, for standard Is (45mm window). Dunted knob B d up
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals	gPV	A	Base m Back-side for DIN distribution board With pre-md	ounting. I rail, for standard Is (45mm window). Sounted knob d up ss steel 6
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft)		A Nr.	Base m Back-side for DIN distribution board With pre-mc Hea Stainle:	ounting. I rail, for standard Is (45mm window). Sunted knob I d up Ss steel 6 0 16
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires	Max	A Nr. mm² AWG mm²	Base m Back-side for Dil) distribution board With pre-me G Hea Stainle: 2x 1	ounting. I rail, for standard Is (45mm window). Dunted knob d up as steel 6 0 16
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires Terminal capacity with fork terminals	Max	A Nr. mm² AWG mm²	Base m Back-side for DIN distribution boarc With pre-mc Stainles 2x 1	ounting. I rail, for standard Is (45mm window). Dunted knob d up as steel 6 0 1 6 6 14
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires Terminal capacity with fork terminals Thread dimensions for terminal screws	Max	A Nr. Mr. Mr. Mr. AWG Mm² AWG	Base m Back-side for DIN distribution boarc With pre-mc Stainles 2x 1 1x 6	ounting. I rail, for standard Is (45mm window). Dunted knob d up as steel 6 0 16 5 14 10%
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires Terminal capacity with fork terminals Thread dimensions for terminal screws Terminal screws tightening torque	Max	Nr. mm² AWG mm² AWG	Base m Back-side for DIN distribution boarc With pre-mc Stainles 2x 1 1x 6 N 1,7 ±	ounting. I rail, for standard Is (45mm window). Dounted knob d up as steel 6 0 16 5 14 10%
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires Terminal capacity with fork terminals Thread dimensions for terminal screws Terminal screws tightening torque Actuator operation force	Max	Nr. Mm² AWG Mm² AWG Nm Nm	Base m Back-side for DIN distribution boarc With pre-mc Stainles 2x 1 1x 0 N 1,7 ±	ounting. I rail, for standard Is (45mm window). Doubted knob d up ss steel 6 0 16 5 14 10%
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires Terminal capacity with fork terminals Thread dimensions for terminal screws Terminal screws tightening torque Actuator operation force Net weight	Max	Nr. Mm² AWG Mm² AWG Nm Nm	Base m Back-side for DIN distribution boarc With pre-mc Stainles 2x 1 1x 0 N 1,7 ±	ounting. I rail, for standard is (45mm window). butted knob d up ss steel 6 0 16 5 14 10%
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires Terminal capacity with fork terminals Thread dimensions for terminal screws Terminal screws tightening torque Actuator operation force Net weight Protection degree IEC 529 EN 60529	Max	Nr. Mm² AWG Mm² AWG Nm Nm	Base m Back-side for DIN distribution boarc With pre-mc G Hea Stainle: 2x 1x 6 N 1,7± 1,	ounting. I rail, for standard is (45mm window). butted knob d up ss steel 6 0 16 5 14 10%
Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires Terminal capacity with fork terminals Thread dimensions for terminal screws Terminal screws tightening torque Actuator operation force Net weight Protection degree IEC 529 EN 60529 On terminals	Max	Nr. Mm² AWG Mm² AWG Nm Nm	Base m Back-side for DIN distribution boarc With pre-mc G Hea Stainle: 2x 1x 6 N 1,7± 1,	ounting. I rail, for standard is (45mm window). sunted knob d up ss steel 6 0 16 5 14 10%
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Max fuse size for short-circuit protection Mechanical characteristics Type of mounting Layers Screwdriver orientation for terminals External metal parts (screws, shaft) Terminal capacity with flexible/solid wires Terminal capacity with fork terminals Thread dimensions for terminal screws Terminal screws tightening torque Actuator operation force Net weight Protection degree IEC 529 EN 60529 On terminals Mounted on panel Ambient conditions Pollution degree ins.	Max	Nr. Mm² AWG Mm² AWG Nm Nm g	Base m Back-side for DIN distribution boarc With pre-mc G Hea Stainle: 2x 1x 6 N 1,7 ± 1, 19	ounting. I rail, for standard is (45mm window). Junted knob I dup ss steel I do 0 I do



Screwdriver orientation for terminals





Positions



Electrical Diagram

Layer	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Marking	-1	+1														
			E M P													
	•	0	T													
Marking	-1	+1	Y													
Marking 0/OFF	_		Y													

Dimensions

