

Product datasheet

Specifications



TeSys D LAD9 control connection module for direct motor starter GV2ME-GV3P

LAD9AP3D1

! Discontinued on: 03 December 2020

! End-of-service on: 05 December 2020

! Discontinued

LAD9AP3D1 has not been replaced. Please contact your customer care centre for more information.

Main

Range of product	TeSys D
Product or component type	Control connection module
Device short name	LAD9
Product compatibility	GV2ME direct on line GV3P direct on line

Complementary

[Ue] rated operational voltage	690 V
Network frequency	50/60 Hz
[In] rated current	18 A per starter 60 A for power circuit conforming to IEC 60439-1 60 A per sub-base conforming to IEC 60439-1
Connections - terminals	Control circuit: spring terminal 2 cable(s) 1.5 mm ² flexible with cable end Control circuit: spring terminal 2 cable(s) 2.5 mm ² flexible Control circuit: spring terminal 2 cable(s) 2.5 mm ² solid Power circuit: spring terminal 3 cable(s) 16 mm ² flexible with cable end Power circuit: spring terminal 3 cable(s) 25 mm ² flexible Power circuit: spring terminal 3 cable(s) 25 mm ² solid
[Ui] rated insulation voltage	750 V
[Ics] rated service breaking capacity	50 kA at 415 V conforming to IEC 60439-1
[Icw] rated short-time withstand current	9.1 kA for 70 ms conforming to IEC 60439-1
[Uimp] rated impulse withstand voltage	6 kV for power circuit
Supply maximum power	0.36 W
Derating factor	20 % of I _{max} GV2 circuit breaker 60 °C
Mounting mode	Fixed
Mounting support	Mounting plate 2 x 35 mm symmetrical DIN rail
Minimum clearance distance	30 mm

Environment

Pollution degree	3
Standards	IEC 60439-1
Product certifications	UL CSA
IP degree of protection	IP40
Electromagnetic compatibility	Electrostatic discharge immunity test: , 3, conforming to IEC 61000-4-2 Fast transients immunity test: , 3, conforming to IEC 61000-4-4 Immunity to radiated fields: (26...1000 MHz), 10 V/m, conforming to IEC 61000-4-3 Radiated radio-frequency electromagnetic field immunity test: (0.15...80 MHz), 10 V, conforming to IEC 61000-4-6 Surge immunity test: (8...20 µs in differential mode), 0.6 kV, conforming to IEC 61000-4-5 Surge immunity test: (1.2...50 µs in common mode), 2 kV, conforming to IEC 61000-4-5
Climatic withstand	Resistance to incandescent wire: 960 °C conforming to IEC 60695-2-1
Mechanical robustness	Shocks 11 ms half sine wave acceleration (15 gn) conforming to IEC 60068-2-27 Vibrations 3...100 Hz (0.7 gn) conforming to BV Vibrations 3...100 Hz (0.7 gn) conforming to IEC 60068-2-6 Vibrations 3...100 Hz (0.7 gn) conforming to LR Vibrations 2...100 Hz (4 gn) conforming to BV Vibrations 2...100 Hz (4 gn) conforming to IEC 60068-2-6 Vibrations 2...100 Hz (4 gn) conforming to LR
Ambient air temperature for operation	-5...40 °C wall mounted -5...60 °C floor mounting
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	95 g
Package 1 Height	5.5 cm
Package 1 width	6 cm
Package 1 Length	11.3 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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