DATASHEET - DILT-XHI01

Auxiliary contact module, 1 pole, Ith= 10 A, 1 NC, Front fixing, Screw terminals, DILAT, DILMT7 … DILMT32

Powering Business Worldwide™

Part no.	**DILT-XHI01**
Catalog No.	**190989**
EL-Nummer (Norway)	**4100434**

Delivery program

Accessories			Auxiliary contact modules
Function			for standard applications
Number of poles			1 pole
Connection technique			Screw terminals
Rated operational current			
Conventional free air thermal current, 1 pole			
Open			
at 60 °C	I_{th}	A	10
AC-15			
220 V 230 V 240 V	I_e	A	4
380 V 400 V 415 V	I_e	A	1.9
Contacts			
N/C = Normally closed			1 NC
Mounting type			Front fixing
For use with			DILAT… DILMT…
Type			Front mounting auxiliary contact

Technical data

General

Standards			IEC/EN 60947
Lifespan, mechanical			
AC operated	Operations	x 10^6	10
Component lifespan			
at U_e = 230 V, AC-15, 3 A	Operations	x 10^6	1
Maximum operating frequency	Operations/h		3600
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			
Open		°C	-25 - +55
Ambient temperature, storage		°C	- 40 - 80
Degree of Protection			IP20
Weight		kg	0.02
Terminal capacities		mm^2	
Screw terminals			
Solid		mm^2	0.75 - 2.5
Flexible with ferrule		mm^2	0.75 - 2.5
Pozidriv screwdriver		Size	2
Max. tightening torque		Nm	0.8

Contacts

Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated insulation voltage	U_i	V AC	690
Rated operational voltage	U_e	V AC	660
Rated operational current		A	
Conventional free air thermal current, 1 pole			
at 60 °C	I_{th}	A	10
AC-15			
220 V 230 V 240 V	I_e	A	4
380 V 400 V 415 V	I_e	A	1.9
DC current			
DC-13 (6xP)			
24 V	I_e	A	0.55
60 V	I_e	A	0.55
110 V	I_e	A	0.55
220 V	I_e	A	0.27

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss10.0.1-27-37-13-02 [AKN342013])

Number of contacts as change-over contact			0
Number of contacts as normally open contact			0
Number of contacts as normally closed contact			1
Number of fault-signal switches			0
Rated operation current Ie at AC-15, 230 V		A	4
Type of electric connection			Screw connection
Model			Top mounting
Mounting method			Front fastening
Lamp holder			None

Additional product information (links)

Motor starters and "Special Purpose Ratings" for the North American market	http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf
Switchgear of Power Factor Correction Systems	http://www.moeller.net/binary/ver_techpapers/ver934en.pdf
X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely	http://www.moeller.net/binary/ver_techpapers/ver938en.pdf
Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions	http://www.moeller.net/binary/ver_techpapers/ver944en.pdf
Effect of the Cabel Capacitance of Long Control Cables on the Actuation of Contactors	http://www.moeller.net/binary/ver_techpapers/ver949en.pdf
Switchgear for Luminaires	http://www.moeller.net/binary/ver_techpapers/ver955en.pdf
Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts	http://www.moeller.net/binary/ver_techpapers/ver956en.pdf
The Interaction of Contactors with PLCs	http://www.moeller.net/binary/ver_techpapers/ver957en.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf