## **DATASHEET - 22DILE**



Auxiliary contact module, 4 pole, 2 N/O, 2 NC, Front fixing, Screw terminals, DILE(E)M, DILER



Part no.	22DILE
	010288
EL Number	4130375
(Norway)	

Product name	Eaton Moeller® series DILE Accessory Auxiliary contact module
Part no.	22DILE
EAN	4015080102885
Product Length/Depth	36 millimetre
Product height	32 millimetre
Product width	45 millimetre
Product weight	0.04 kilogram
Certifications	CE VDE 0660 IEC/EN 60947 UL Category Control No.: NKCR IEC/EN 60947-4-1 UL 508 UL File No.: E29184 CSA Class No.: 3211-03 CSA CSA File No.: 012528 UL CSA-C22.2 No. 14-05
Product Tradename	DILE
Product Type	Accessory
Product Sub Type	Auxiliary contact module
Public Consumption	Yes
Product Family Description	ES-PMCC-ICP-Eaton DILE Mini contactors
Globally Marketable	Yes
Electric connection type	Screw connection
Features	Interlocked opposing contacts within an auxiliary contact module (according to 60947-5-1 Annex L)
Fitted with:	Interlocked opposing contacts Switching elements according to EN 50005
Functions	For standard applications
Number of poles	Four-pole
Degree of protection	IP20
Lifespan, mechanical	150,000 Operations (at 240 V, DC, L/R = 50 ms: 2 contacts in series 0.5 A) 200,000 Operations (at 240 V, AC-15) 20,000,000 Operations (DC operated) 10,000,000 Operations (AC operated)
Model	Top mounting
Mounting method	Front fastening
Mounting position	As required (except vertical with terminals A1/A2 at the bottom)
Operating frequency	9000 Operations/h
Overvoltage category	
Pollution degree	3
Protection	Finger and back-of-hand proof, Protection against direct contact when actuate from front (EN 50274)
Rated impulse withstand voltage (Uimp)	6000 V AC
Shock resistance	10 g, N/O contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoida shock 10 ms 8 g, N/C contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms

Ambient operating temperature - min

-25 °C

Aniset upper function (unified of unified of			
Anthere coestrol to the period of the second	Ambient operating temperature - max	50 °C	
Ansider storage imprentue - max     0     0       Ansider storage imprentue - max     0     0       Ansider storage imprentue - max     0     0       Immail expective (NEW)     0     0       Immail expective (NEW)     1     1     1       Immail expective (NEW)     1	Ambient operating temperature (enclosed) - min	25 °C	
Aniset starting temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Image temperature - max     Image temperature - max     Image temperature - max       Ima	Ambient operating temperature (enclosed) - max	40 °C	
Elimita is pooling     VILD 201 Bits is obtained to ERD 200 P37       Terminal capacity disclicut with form(n)     VILD 70 + 1.0 mm²       Terminal capacity disclicut with form(n)     VILD 70 + 1.0 mm²       Terminal capacity disclicut with form(n)     VILD 70 + 1.0 mm²       Terminal capacity disclicut with form(n)     VILD 70 + 1.0 mm²       Terminal capacity disclicut with form(n)     VILD 70 + 1.0 mm²       Terminal capacity disclicut with form(n)     VILD 70 + 1.0 mm²       Socow vise     Support to the form of the form	Ambient storage temperature - min	40 °C	
Tenend capacity (block with ten def Tenend capacity (block with tenend capacity (block wit	Ambient storage temperature - max	80 °C	
Internal capacity (sold)I (137 - 15) and 1	Climatic proofing		
Turninal capacity (solid)         I = 10 7 . 50 mm²           Terminal capacity (solid) (solid) (solid) (solid)         Single 15 - 16, duable 18 - 14           Strew siz         All Streminal strew           Strew siz         All Streminal strew, Standard strew/ther           Strew siz         Strew size           Strem size         Strem size           Strem size         Streminal size           Strem size	Terminal capacity (flexible with ferrule)		
Turninal capacity lociditatanded AWD)         Single 16 – 14. double 16 – 14.           Strew sie         A. Strem la screw youthy screwinger local screwinger l	Terminal capacity (solid)	1 x (0.75 - 2.5) mm <sup>2</sup>	
Serior size Serior size Serior size Serior size Serior diversions voltage (Ue) at AC - max Find operational content (Ue) at AC - max Read operationa	Terminal canacity (solid/stranded AWG)		
Screwchiver size Screwc			
Tightening torque       12 Nm, Screw terminals         Rand operational voltage (Uc) et AC - nax       00 V         Rand operational voltage (Uc) et AC - nax       00 V         Rand operational voltage (Uc) et AC - nax       00 V         Rand operational voltage (Uc) et AC - nax       00 V         Rand operational current (Ie) AC - 15, 200 V, 200 V, 200 V       00 V         Rand operational current (Ie) AC - 15, 200 V, 200 V, 200 V       00 V         Rand operational current (Ie) AC - 15, 200 V, 200 V, 400 V       00 V         Rand operational current (Ie) AC - 15, 200 V, 200 V, 400 V       00 V         Sale isolation       300 VAC, Between outliny contracts, According to EN 81140         Sale isolation       300 VAC, Between outliny contracts, According to EN 81140         Sale isolation       00 V, Mas, Fues, Contracts         Source Circuit protection rating without welding       00 A gl(y), 600 V, Mas, Fues, Contracts         Source Circuit protection rating without welding       10 A stat. 500 V, Massimum fues, Short-circuit rating without welding. Contracts         Source Instance (Ie) (AC-15, 200 V, Mas, Status V, 200 V, 200 V, Mas, Status V, 200 V,	Screwdriver size		
Static generational current (i)       Static generational current (i)       Static generational current (i)         Static generational current (i)       Static generational current (i)       Static generational current (i)         Read generational current (i)       Static generational current (i)       Static generational current (i)         Read generational current (i)       Static generational current (i)       Static generational current (i)         Static generational current (i)       Static generational current (i)       Static generational current (i)         Static generational current (i)       Static generational current (i)       Static generational current (i)         Static disperational current (i)       Static generational current (i)       Static generational current (i)         Static direction rating       ID A fast, S500, Maximum fuore, Short-circuit rating without welding. Contacts         Static direction rating       ID A fast, S500, Maximum fuore, Short-circuit rating without welding. Contacts         Static direction rating without welding       Static direction rating without welding. Contacts         Static direction rating without welding       ID A fast, S500, Maximum fuore, Short-circuit rating without welding. Contacts         Static direction rating without welding       ID A foot VAC, IU/CSAI, S50, VD, Wax, Fuore, Contacts         Static direction rating without welding       ID A foot VAC, IU/CSAI, S50, VD, Wax, Fuore, Contacts         S	Tightening torque	0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver	
Rated susting overlage (U)       B00 V         Rated operational current (Ie)       25 A at 80 V UC UR 15 ms (with 2 contacts in series)         Rated operational current (Ie)       25 A at 80 V UC UR 15 ms (with 2 contacts in series)         Rated operational current (Ie) at AC-15, 250 V, 230 V, 200 V       4         Rated operational current (Ie) at AC-15, 500 V       24         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, 500V			
Rated susting overlage (U)       B00 V         Rated operational current (Ie)       25 A at 80 V UC UR 15 ms (with 2 contacts in series)         Rated operational current (Ie)       25 A at 80 V UC UR 15 ms (with 2 contacts in series)         Rated operational current (Ie) at AC-15, 250 V, 230 V, 200 V       4         Rated operational current (Ie) at AC-15, 500 V       24         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is soletion       300 V AC, Between out and sumilary contacts, According to EN 81140         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, Short-circuit rating without welding, Contacts         Sale is colden       10 A fast, 500V, Maximum fase, 500V	Rated operational voltage (Ue) at AC - max	600 V	
Ratio dipensional current (lip)       2.5.4 at 80 UO CL // 6.15 ms (with 2 contacts in sories)         Ratio dipensional current (lip) at AC-15, 220 V, 240 V       2.5.4 at 72 V UO CL // 6.15 ms (with 1 contacts in series)         Ratio dipensional current (lip) at AC-15, 230 V, 400 V, 415 V       2.6.4 at 72 V UO CL // 6.15 ms (with 1 contacts in series)         Rated operational current (lip) at AC-15, 230 V, 400 V, 415 V       2.6.4 at 72 V UO CL // 6.15 ms (with 1 contacts in series)         Satis isolation       3.0 V AC, Between cull and auxiliary contacts, According to EN 61140         Satis isolation       3.0 V AC, Between auxiliary contacts, According to EN 61140         Statis isolation       6.4 gG/gL, 500 V Mac/mum fuse, Short-circuit rating without welding, Contacts         Statis isolation       1.0 A fasti, 500V Mac/mum fuse, Short-circuit rating without welding, Contacts         Statis isolation current (lip) at Act 11, pole, open)       10 A         Statis isolation current (lip) at Act 11, pole, open)       10 A, 500 V AC, (UU/CSA)         Statis isolation contacts (lip) at auxiliary contacts, (lip) at auxiliary contacts, and (lip)       10 A, 500 V AC, (UU/CSA)         Statis isolation contacts (lip) at auxiliary contacts, general use)       10 A, 500 V AC, (UU/CSA)         Statis isolation contacts (lip) at auxiliary contacts, general use)       10 A, 500 V AC, (UU/CSA)         Statis isolation at auxiliary contacts, general use)       10 A, 500 V AC, (UU/CSA)         Statis isol			
Rated operational current (le) at AC-15, 380 V, 400 V, 415 V       2 A         Safe isolation       15 A         Safe isolation       300 VAC, Between coil and auxiliary contacts, According to EN 81140         Sub - circuit protection rating       10 A fast, 500 V, Maximum fuse, Short-circuit rating without welding.         Short-circuit protection rating without welding       10 A fast, 500 V, Maximum fuse, Short-circuit rating without welding.         Conventional thermal current ith of auxiliary contacts (1-pole, open)       10 A         Switching capacity (auxiliary contacts, general use)       10 A, 000 V AC, (UUCSA)         Switching capacity (auxiliary contacts, plot duty)       20 A fast, 500 V, DUCSA)         Switching capacity (auxiliary contacts, plot duty)       10 A, 000 V AC, (UUCSA)         Switching capacity (auxiliary contacts, plot duty)       20 C operated (UUCSA)         Switching capacity (auxiliary contacts, plot duty)       20 S C operated (UUCSA)         Switching capacity (auxiliary contacts)       20 C operated (UUCSA)	Rated operational current (le)	2.5 A at 60 V, DC L/R $\le$ 15 ms (with 2 contacts in series) 0.5 A at 220 V, DC L/R $\le$ 15 ms (with 3 contacts in series) 1.5 A at 110 V, DC L/R $\le$ 15 ms (with 3 contacts in series)	
Rated operational current (ie) at AC-15, 500 V       Image: Contracts and the co	Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V	4 A	
Sale is iolation       300 V AC, Between auxiliary contacts, According to EN 61140         Sale is iolation       300 V AC, Between auxiliary contacts, According to EN 61140         Short-circuit protection rating without welding       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Short-circuit protection rating without welding       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Short-circuit protection rating without welding       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution       10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts         Solution	Rated operational current (le) at AC-15, 380 V, 400 V, 415 V	2 A	
300 V AC, Between auxiliary contacts, According to EN 61140       Short-circuit protection rating without welding     10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts       Short-circuit protection rating without welding     6 A gG/gL 500 V, Max. Fuse, Contacts       Bort-circuit protection rating without welding     10 A       Conventional thermal current ith of auxiliary contacts [1-pole, open)     10 A       Switching capacity (auxiliary contacts, general use)     10 A, 000 V AC, (UL/CSA)       Switching capacity (auxiliary contacts, pilot duty)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts, pilot duty)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts, pilot duty)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts)     10 A, 000, AC operated (UL/CSA)       Switching capacity (auxiliary contacts)     10 A, 000, AC operated (UL/CSA)       Number of contacts (homally closed contacts)     10 A, 000, AC operated (UL/CSA)       Number of contacts (normally closed	Rated operational current (le) at AC-15, 500 V	1.5 A	
Short-circuit protection rating without welding. Contacts Short-circuit protection rating without welding. Contacts Short-circuit protection rating without welding. Contacts Short-circuit protection rating without welding. Contacts Conventional thermal current ith of auxiliary contacts (1-pole, open) Switching capacity (auxiliary contacts, general use) Switching capacity (auxiliary contacts, peneral use) Switching capacity (auxiliary contacts, pilot duiy) Switching capacity (auxiliary contacts) Switching contacts (hange-over contacts) Number of contacts (normally closed contacts) Switching contacts (normally closed contacts) Switching capacity Pdiss Heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Heat dissipation, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Meats the product standard's requirements. Meats the product standard's require	Safe isolation		
Short-circuit protection rating without welding       6 A g0/gL, 500 V. Max. Fuse, Contacts         Conventional thermal current thi of auxiliary contacts (1-pole, open)       10 A         Switching capacity (auxiliary contacts, general use)       0 A, 600 V.AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       0 A, 600 V.AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       0 A, 600 V.AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       62 E in combination with DILER-40(-G)         Switching capacity (auxiliary contacts)       62 E in combination with DILER-40(-G)         Switching capacity (auxiliary contacts)       62 E in combination with DILER-40(-G)         Switching contacts (change-over contacts)       62 E in combination with DILER-40(-G)         Number of contacts (change-over contacts)       0         Number of contacts (normally coad contacts)       2         Number of contacts (normally open contacts)       0         Womber of contacts (normally open contacts)       0         Womber of contacts (normally open contacts)       0W         Heat dissipation, non-current-dependent Pvid       0W         Rated operational current for specified heat dissipation (In)       4 A         10.2.31 Writication of thermal stability of enclosures       0W         10.2.31 Verification of thermal stability of enclosures			
Short-circuit protection rating without welding       6 A g0/gL, 500 V. Max. Fuse, Contacts         Conventional thermal current thi of auxiliary contacts (1-pole, open)       10 A         Switching capacity (auxiliary contacts, general use)       0 A, 600 V.AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       0 A, 600 V.AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       0 A, 600 V.AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       62 E in combination with DILER-40(-G)         Switching capacity (auxiliary contacts)       62 E in combination with DILER-40(-G)         Switching capacity (auxiliary contacts)       62 E in combination with DILER-40(-G)         Switching contacts (change-over contacts)       62 E in combination with DILER-40(-G)         Number of contacts (change-over contacts)       0         Number of contacts (normally coad contacts)       2         Number of contacts (normally open contacts)       0         Womber of contacts (normally open contacts)       0         Womber of contacts (normally open contacts)       0W         Heat dissipation, non-current-dependent Pvid       0W         Rated operational current for specified heat dissipation (In)       4 A         10.2.31 Writication of thermal stability of enclosures       0W         10.2.31 Verification of thermal stability of enclosures	Short-circuit protection rating	10 A fast, 500V. Maximum fuse, Short-circuit rating without welding, Contacts	
Conventional thermal current ith of auxiliary contacts (1-pole, open)       10 A         Switching capacity (auxiliary contacts, pilot duty)       0 A, 600 V AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       0 A, 600 V AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       0 A, 600 V AC, (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       0 A, 600 V AC, (UU/CSA)         Code number       52 in combination with DILER-40(-G)         Si in combination with DILER-40(-G)       53 in combination with DILER-40(-G)         Subsci in contacts       53 in combination with DILER-40(-G)         Subsci in contacts       53 in combination with DILER-40(-G)         Subsci in contacts       54 22 in combination with DILER-40(-G)         Subsci in contacts       54 40 C, UU/CSA)         Number of contacts (change-over contacts)       0         Number of contacts (normally open contacts)       2         Subsci in contacts (normally open contacts)       0         Wandber of contacts (normally open contacts)       0W         Heat dissipation current-dependent Pvid       0W         Read operational current for specified heat dissipation (In)       4A         Static heat dissipation, non-current-dependent Pvid       0W         Nead tissipation on dresistance of insulating materials to normal heat <t< td=""><td></td><td></td></t<>			
Switching capacity (auxiliary contacts, general use) Switching capacity (auxiliary contacts, pilot duty) Switching capacity (auxiliary contacts) Switching capacity (auxiliary contacts) Switching contacts (change-over contacts) Switching			
Switching capacity (auxiliary contacts, pilot duty)0.5 A, 250 V DC, (UU/CSA)Switching capacity (auxiliary contacts, pilot duty)600, DC operated (UU/CSA)Code number621 in combination with DILER-40(-6) Sin combination with DILER-31(-6) 44 in combination with DILER-32(-6)Control circuit reliability622 in combination with DILER-32(-6) 44 in combination with DILER-32(-6)Number of contacts (change-over contacts)626 in 2Number of contacts (change-over contacts)626 in 2Number of contacts (normally closed contacts)626 in 2Number of contacts (normally closed contacts)626 in 2Number of contacts (normally closed contacts)0Number of contacts (normally closed contacts)0 </td <td>Conventional thermal current ith of auxiliary contacts (1-pole, open)</td> <td>10 A</td>	Conventional thermal current ith of auxiliary contacts (1-pole, open)	10 A	
Switching capacity (auxiliary contacts, pilot duty)       A600, AC operated (UU/CSA)         Switching capacity (auxiliary contacts, pilot duty)       Switching capacity (auxiliary contacts, pilot duty)         Code number       Code number         Code number       See In combination with DILER-40(-6)         Sin combination with DILER-31(-6)       Sin combination with DILER-31(-6)         Vantue of contacts (change-over contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and the combination with DILER-31(-6)         Number of contacts (normally closed contacts)       Code and	Switching capacity (auxiliary contacts, general use)		
Sin combination with DLER-31(-6) 44 in combination with DLER-32Control circuit reliabilityANumber of contacts (change-over contacts)Image: Contacts (change-over contacts)Number of contacts (normally closed contacts)Image: Contacts (change-over contacts)Number of contacts (normally copen contacts)Image: Contacts (change-over contacts)Number of contacts (change-over contacts)Imag	Switching capacity (auxiliary contacts, pilot duty)	A600, AC operated (UL/CSA)	
Sin combination with DLER-31(-6) 44 in combination with DLER-32Control circuit reliabilityANumber of contacts (change-over contacts)Image: Contacts (change-over contacts)Number of contacts (normally closed contacts)Image: Contacts (change-over contacts)Number of contacts (normally copen contacts)Image: Contacts (change-over contacts)Number of contacts (change-over contacts)Imag			
Number of contacts (change-over contacts)       Main         Number of contacts (normally closed contacts)       Image: Contacts (normally closed contacts)         Number of contacts (normally open contacts)       Image: Contacts (normally open contacts)         Number of contacts (normally open contacts)       Image: Contacts (normally open contacts)         Read dissipation, current-dependent Pvid       Image: Contacts (normally open contacts)         Heat dissipation capacity Pdiss       Image: Contacts (normally closed contacts)         Heat dissipation propel, current-dependent Pvid       Image: Contacts (normally closed contacts)         Rated operational current for specified heat dissipation (ln)       Image: Contact Standard's requirements.         Static heat dissipation, non-current-dependent Pvid       Image: Contact Standard's requirements.         10.2.3.1 Verification of thermal stability of enclosures       Image: Contact Standard's requirements.         10.2.3.2 Verification of resistance of insulating materials to normal heat       Image: Contact Standard's requirements.         10.2.3.2 Verification of resistance of insulating materials to normal heat       Image: Contact Standard's requirements.         10.2.3.2 Verification of thermal stability of enclosures       Image: Contact Standard's requirements.         10.2.3.2 Verification of thermal stability of enclosures       Image: Contact Standard's requirements.         10.2.3.2 Verification of thermal stability of enclosures <td>Code number</td> <td>53 in combination with DILER-31(-G)</td>	Code number	53 in combination with DILER-31(-G)	
Number of contacts (normally closed contacts)       2         Number of contacts (normally open contacts)       2         Rumber of contacts (normally open contacts)       2         Rumber of contacts (normally open contacts)       0         Vumber of contacts (normally open contacts)       0         Heat dissipation, current-dependent Pvid       0         Rated operational current for specified heat dissipation (ln)       4         Static heat dissipation, non-current-dependent Pvis       0         10.2.2 Corrosion resistance       Meets the product standard's requirements.         10.2.3.1 Verification of thermal stability of enclosures       Meets the product standard's requirements.         10.2.3.2 Verification of resistance of insulting materials to normal heat       Meets the product standard's requirements.         10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects       Meets the product standard's requi	Control circuit reliability	$<$ 2 $\lambda,<$ 1 failure at 100,000,000 Operations (at U# = 24 V DC, Umin = 17 V, Imin = 5.4 mA)	
Number of contacts (normally open contacts)       Image: Contacts (normally open contacts)       Image: Contacts (normally open contacts)         Equipment heat dissipation, current-dependent Pvid       Image: Contacts (normally open contacts)       Image: Contacts (normally open contacts)         Equipment heat dissipation capacity Pdiss       Image: Contacts (normally open contacts)       Image: Contacts (normally open contacts)         Heat dissipation capacity Pdiss       Image: Contacts (normally open contacts)       Image: Contacts (normally open contacts)         Heat dissipation per pole, current-dependent Pvid       Image: Contacts (normally open contacts)       Image: Contacts (normally open contacts)         Rated operational current for specified heat dissipation (In)       Image: Contacts (normally open contacts)       Image: Contact (normally open contacts)         Static heat dissipation, non-current-dependent Pvs       Image: Contact (normal heat)       Image: Contact (normal heat)       Image: Contact (normal heat)         10.2.2 Corrosion resistance       Image: Contact (normal heat)       Image: Contact (normal heat)       Image: Contact (normal heat)       Image: Contact (normal heat)         10.2.3 Lverification of resistance of insulating materials to normal heat       Image: Contact (normal heat)       Image:	Number of contacts (change-over contacts)	0	
Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) At A Static heat dissipation, non-current-dependent Pvs 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation	Number of contacts (normally closed contacts)	2	
Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation	Number of contacts (normally open contacts)	2	
Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation	Fouinment heat dissination current-dependent Puid	a w	
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10.2.3.2 Verification of resistance of insulating materials to normal heat       Meets the product standard's requirements.         10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects       Meets the product standard's requirements.         10.2.4 Resistance to ultra-violet (UV) radiation       Meets the product standard's requirements.			
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10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements.	· · · · · · · · · · · · · · · · · · ·		
	10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.	

10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## **Technical data ETIM 8.0**

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			2	
Number of contacts as normally closed contact			2	
Number of fault-signal switches			0	
Rated operation current le at AC-15, 230 V		А	4	
Type of electric connection			Screw connection	
Model			Top mounting	
Mounting method			Front fastening	
Lamp holder			None	